LIBRARY
U. S. Department of Agriculture

AMERICAN NURSERYMAN

AMERICAN NURSERY TRADE BULLETIN

Chief Exponent of the American Nursery Trade

Vol. XLV | MARCH, 1, 1927 | No 3

The Cheerful Greeting of American Pillar Rose

MARCH

We have been extra well stocked this year with all classes and varieties of Roses, but the only class not left in quantity are such favorite

HARDY CLIMBING ROSES

as American Pillar, Crimson Rambler, Dorothy Perkins, Excelsior, Mary Wallace, Roserie, etc.

HARDY CLIMBING VINES

We are strong on Clematis, Paniculata, Halleson, and Scarlet Trumpet, Heki., Ampelopsis Quinquefolia, Matrimony Vine, and others.

SHRUBS

Of course we still have some of the full list, but are especially well provided with Barberry, California and American Privets, Hydrangea P. G., Philadelphus Virginalis, 2-3 feet, and Spirea Van Houtte.

ORNAMENTAL TREES

There is no use denying that the more popularly used types of Deciduous Trees are very scarce in Nursery circles, so that we don't see any reason to single them out by name in advertising. We can take care of a good many miscellaneous orders, however, before showing empty hands. O yes, there is one item,—Catalpa Bungei, which is plentiful here today; you may be interested to know it.

EVERGREEN TREES

Although not listed at all in Bulletin No. 2, our second list shows what Evergreens we have to sell. They are good trees and you can race our retail trade for the supply while it lasts.

FRUIT TREES So have we;—APPLES, PEACH, PEAR, PLUM, CHERRY, etc., but you'd be surprised to know how recent orders are eating up the earlier surplus. Are you SURE you have enough?

BULLETIN NO. 2 goes into circulation today; don't miss it, even if you have to ask.

THE STORRS & HARRISON CO.

NURSERYMEN FLORISTS SEEDSMEN

Operating 73 Years PAINESVILLE LAKE COUNTY OHIO

1200 Acres

39 STATE ST. ROCHESTER, N. Y.

American Fruits Publishing Co

For Season Of 1927

Pears, Cherries and Roses
Are
OUR LEADERS

A Complete Variety List of
FRUIT TREES
ORNAMENTAL TREES
SHRUBS
PERENNIALS, EVERGREENS

W. & T. SMITH COMPANY
Lowest Prices Consistent With Quality
1000 Acres GENEVA, N. Y. 80 Years

CHERRY TREES! CHERRY TREES!

The Best That Can Be Grown!

SWEET AND SOUR ONE AND TWO YEAR
CAR LOTS OR LESS

We also offer for Spring, 1927
A General Assortment of
Standard and Dwarf Apple
Standard and Dwarf Pear,
Plum, Quince and Peach
TRUE TO NAME

Write For Our Attractive Prices

KELLY BROTHERS NURSERIES
Dansville, N. Y.

SPRING 1927

A Complete Line of
Nursery Stock

Fruit and Shade Trees
Shrubs, Privet, Vines
Roses and Perennials

FRUITS IN CAR LOTS

Cherry—1 and 2 year
Apple—2 and 3 year
Plum—1 and 2 year
Peach—1 year

C. M. HOBBS & SONS, Bridgeport, Ind.
ESTABLISHED 1875

Our Stock Book Records Indicate
a
HEAVY SURPLUS
of

NORWAY SPRUCE
2 year Seedlings, 1/3″

IBOTA PRIVET
1 year Seedlings, 3/6″

BERBERRY THUNBERGI

1 year Seedlings,	3/6 in.
1 year Seedlings,	6/9 in.
1 year Seedlings,	9/12 in.
2 year Trans.	8/12 in.
2 year Trans.	12/15 in.
2 year Trans.	15/18 in.
2 year Trans.	18/24 in.

The smaller grades are strong and thrifty; just right for Lining Out. The 2 year Transplanted Berberry is ready for your Retail Trade.

Secure this stock now while our surplus is heavy and our price correspondingly low.

C. E. WILSON & COMPANY
Manchester, Conn.
"CONNECTICUT VALLEY GROWN SEEDLINGS"

Introducing

OUR NEW TRADE-MARK

PRINCETON
STANDARD OF EXCELLENCE
P N
PRODUCTS

This graphically presents the standard we have set up and firmly established.

PRINCETON NURSERIES

PRINCETON, NEW JERSEY

Our latest and best catalogue just out.
Would you like one?

FLOWERING PEACH

Red - White - Pink

GROWN in finest California river bottom soil, assuring strong fibrous root system.

Medium sized plants which can be shipped economically by express.

	Per 10	Per 100	Per 1000
3-4 feet.....	$6.00	$50.00	$400.00
2-3 feet.....	5.00	40.00	250.00

Write or wire

CALIFORNIA NURSERY COMPANY
NILES, CALIFORNIA

HOWARD Own Root ROSES Desert Climate Grown HEMET, CAL.

OUR SPECIALTY

OWN ROOT

ROSES

Field Grown

Howard Rose Company

Hemet, California

TRIBUTE

that shows how March's System pays

100% Increased Crops

R. M. Kellog Co., the world-famous strawberry breeders of Three Rivers, Michigan, write: "During the average season I am perfectly confident the **March Automatic Irrigation** will increase the crops fully 100%. Experience and profit have demonstrated that we can and do grow a higher quality plant under the **March Automatic System** than we could without it." Read their full letter in free book that coupon will bring.

Very Rapid Growth

James H. Haug, grower of high-grade vegetables at Williamsport, Pa., writes: "**March Automatic Irrigation** is most complete I ever used; no lost time and no lost sleep. We never got enough water on our land before we put in your system. You can see the vegetables grow very rapidly. This means many extra dollars in our pockets. We had eight tons of squash from twelve hills, many of them weighing 125 lbs. each." Read what others say in the free book "Be Convinced."

Prize Winning Crops

J. Gernaat Celery Farm of Kalamazoo knows that **March's Automatic Irrigation** pays big. They write: "We never in all the years had such good crops. Some of our celery bunches weighed 40 lbs. each, twelve stalks in a bunch. Have won prizes, which we have never done before, and have gotten a dollar a bunch, and this is no false story to see myself write it, but is a fact."

Prices Doubled

George A. Sweet, specializing in high grade vegetables, writes: "During early October we had some severe frosts, at one time for five successive nights. I ran my **March Automatic System** every night and saved my crop. Prices doubled and I cleared over $700.00 profit in one week's time that I would otherwise have lost."

Twenty Years Ahead of the Times

Alfred Schmidt of Newark, N. J., writes: "Send me two more March Turn-Motors—can't get along without them. I think your system is 20 years ahead of the times. It has more than paid its cost with me this season. Will put more in next year."

March's Automatic Irrigation

(weather control)

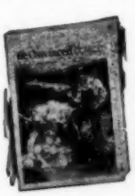
Proven the Best by All the Evidence

No ordinary irrigation system could prompt so many hundreds of owners to write long letters that tell of their success and extra big profits with March's Automatic Irrigation. Such evidence is stronger by far than anything we could say,—evidence that unmistakably points out why you, too, should be enjoying the advantages and big profits offered by the March System.

Quick Action Needed to Profit by Low Winter Prices

Before the low winter prices expire, let us tell you how March's Automatic Irrigation will double and treble your earnings, how your extra profits will more than pay you for your March System the first year. You pay no more for a March System with all of its superior advantages, and if you act now you pay much less. Mail the coupon for free book.

—FREE BOOK—



IRRIGATION HEADQUARTERS
MARCH
AUTOMATIC IRRIGATION CO.
337 WESTERN AVE. • MUSKEGON • MICHIGAN

Gentlemen: 337

Send me the free book "Be Convinced."

Name .....

Address .....

City ..... State.....

MAIL THIS COUPON TODAY

STYRAX JAPONICA

Japanese Snowbell

Is one of the good things you have often wanted. You will find this and many other scarce items offered in our new list. : :

F. & F. Nurseries
SPRINGFIELD. NEW JERSEY.
Wm. Flemer's Sons, Proprietors also
PRINCETON NURSERIES. PRINCETON. N.J.

Wayside Gardens

HARDY PERENNIAL PLANTS
EXCLUSIVELY

Write for Trade List.

THE WAYSIDE GARDENS COMPANY
MENTOR, OHIO

"43" For the Tree

A prepared plastic compound that makes the problem of tree surgery easy for anyone.

WATER-PROOF—WILL NOT CRACK OR SHRINK
STICKS TO THE SURFACE—PREVENTS DECAY

Jobbers write for our attractive prices, Samples and literature.

The Gibson-Homans Western Co.
KANSAS CITY, MO.

The Gibson-Homans Co.
CLEVELAND, OHIO

CHERRY TREES

Sweets on both mazzard and mahaleb stocks, one and two year.

Sours on mahaleb stocks one and two year.

Trees grown in a "cherry country" where both sours and sweets flourish.

Write for Price List.

Special Prices on Car Lots.

J. F. JONES, Lancaster, Pa.

Strawberry Plants of Quality

When you plant the J. A. Bauer "BLUE RIBBON BRAND" Berry Plants, you plant the best grown!

Special prices to nurserymen! We can ship your orders direct to your patrons at no additional cost to you.

Large stock of leading varieties. Plenty of fine Progressive everbearing plants.

Satisfaction guaranteed.

Wholesale Price List Free

J. A. BAUER
Lock Box 38 **Judsonia, Ark.**

OUR SURPLUS LIST

Issued at frequent intervals shows actual Cellar Counts. If you do not receive your copy, please ask for it.

Good stock of
TWO YEAR PEAR
TWO YEAR CHERRY
ONE AND TWO YEAR PLUM
ONE YEAR PEACH
JUNE BUD PEACH
SHRUBS AND PRIVET

The Huntsville Wholesale Nurseries, Inc.,
1872 HUNTSVILLE, ALABAMA 1927

Ready for Immediate Shipment

APPLE, APRICOT, CHERRY, CRAB, PEACH, PEAR, PLUM

GRAPE VINES, BLACKBERRIES, RASPBERRIES

SHADE TREES, SHRUBS, ROSES

ASPARAGUS—An unusually fine lot

If you do not have our price list, write for a copy. We can save you money.

The Ottawa Star Nurseries
OTTAWA, KANSAS

AMERICAN NURSERYMAN---- March 1, 1927

EDITORIAL DEPARTMENT—Communications on any subject connected with Commercial Horticulture, Nurseries or Arboriculture are cordially invited by the Editor; also articles on these subjects and papers prepared for conventions of Nursery or Horticultural associations. We also shall be pleased to reproduce photographs relating to these topics, Orchard Scenes, Cold Storage Houses, Office Buildings, Fields of Stock, Specimen Trees and Plants, Portraits of Individuals, etc. All photographs will be returned promptly.

Advertising—Advertising forms close on the 25th of each month. If proofs are wanted, copy should be on hand one week earlier. Advertising rate is $2.80 per column-width inch.

"AMERICAN NURSERYMAN" is distinctive in that it reaches an exceptional list and covers the field of the business man engaged in Commercial Horticulture—the cariot operator. Here is concentrated class circulation of high character—the Trade Journal of Commercial Horticulture, quality rather than quantity.

"AMERICAN NURSERYMAN" will not accept advertisements that do not represent reliable concerns.

SUBSCRIPTIONS—"AMERICAN NURSERYMAN," published semi-monthly, on 1st and 15th, will be sent to any address in the United States for $2.50 a year; to Canada or abroad for $3.00 a year. Single copies of current volume, 20c; of previous volumes, 25c.

WHAT THIS MAGAZINE STANDS FOR—Clean chronicling of commercial news of the Planting Field and Nursery. An honest, fearless policy in harmony with the growing ethics of modern business methods.

Co-operation rather than competition and the encouragement of all that makes for the welfare of the trade and of each of its units.

Wholesome, clean-cut, ring true independence.

INDEPENDENT AND FEARLESS—"AMERICAN NURSERYMAN" makes no distinction in favor of any. It is untrammeled in its absolutely independent position and is the only Nursery Trade publication which is not owned by nurserymen.

☞This Magazine has no connection whatever with a particular enterprise. Absolutely unbiased and independent in all its dealings.

Though it happens that its place of publication is in the eastern section of the country, it is thoroughly National in its character and International in its circulation.

Its news and advertising columns bristle with announcements from every news corner of the Continent.

It represents the results of American industry in one of the greatest callings—Commercial Horticulture in all its phases of Nursery Stock, Orchard and Landscape Planting and Distribution.

RALPH T. OLCOTT
Editor, Manager

AMERICAN FRUITS PUBLISHING COMPANY INC.

39 State Street,
Rochester, N. Y.

Classified Business Announcements In this Issue

AN INDEX OF CURRENT WANTS AND OFFERINGS IN THE NURSERY TRADE

Aiken, George D.	Red Oak Seed	72
Allendale Nurseries	Japanese Barberry Seedlings	71
American Bulb Company	Dutch Bulbs, Etc	75
American Farm Machine Co.	Kinkade Garden Tractor	76
American Forestry Co.	Lining-out Stock	73
Andrews Nursery Co.	Raspberries	75
Armstrong Nurseries	Lining-out Stock	65
Atlantic Nursery Co.	Young Stock	72
Audubon Nurseries	Ornamental Nursery Stock	77
Bailey's Nursery, J. V.	Special Announcement	75
Bauer, J. A.	Strawberry Plants	56
Bernardin, E. P.	General Nursery Stock	75
Bobbink & Atkins	Broad-leaf Evergreens	72
Bolling Farms Nurseries	Shrubs, Evergreens, Etc	76
Bountiful Ridge Nurseries	Peach and Apple Trees	79
Burr & Company, C. R.	Special Announcement	58
California Nursery Co.	Flowering Peach	55
Campbell, David	Evergreens, Etc.	74
Cartwright Nurseries	Biotas	69
Champion & Son, H. J.	Shrubs, Roses, Etc	77
Chase Company, Benjamin	Nursery Labels	69
Cole Nursery Co.	Shade Trees, Shrubs	77
Commercial Nursery Co.	Peach, Apple Plum	74
Conard-Pyle Company	Lining Out Stock	68
Conard-Pyle Co.	Roses	63
Conigisky B. F.	Plate Books	76
Conwell, H. Ernest	Boxwod	74
Crescent City Nurseries	Lining-out Stock	74
Cultra Brothers	Young Stock	76
Cyclopedia of Horticulture	Standard Works	71
Davie Nursery	Arborvitaes	71
Detriche & Son, Chas.	French Fruit Stock	69
Dintelmann, L. F.	Apple Scions	76
DIRECTORY	Growers of Young Stock	72-73
DuBois Press	Horticultural Printing	58
Easterly Nursery Co.	Peach, Plum. Privet	74
Elm City Nursery Company	Lining Out Stock	72
Essig Nursery	Grape Vines	75
F. & F. Nurseries	Special Announcement	56
Fairfield Nurseries	Grape Vines	72
Fairmont Nurseries	Black Hills Spruce	77
Felins Tying Machine Co.	Tying Machines	77
Fleu, Jr., Conyers B.	Tree Seeds	75
For Sale	Apple Scions	76
For Sale	Peony Roots	76
For Sale	Surplus Peach	76
Forest Nursery Co.	General Nursery Stock	69
Franklin Forestry Co.	Lining Out Stock	72
Garden Nurseries	Iris Buxus	69
General Novelty Corp.	Copper-Wired Tree Labels	74
Gibson-Homans Western Co.	Tree Surgery	56
Griffing Co., C. M.	Fruit and Nut Trees, Roses	71
Hallauer, N. A.	Perennials, Etc	71
Harris, R. F.	Purple Lilac	71
Herbst Bros.	Tree and Shrub Seeds	71
Hess' Nurseries	Lining-out Stock	72
Hewitt & Co., Ltd.	Delphiniums	75
Highland Nurseries	Surplus Peach	76
Hill Nursery Co., D.	Evergreen Specialist	80
Hill Nursery Co., D.	Plate Book Evergreens	80
Hill Nursery Co., D.	Young Stock	72
Hobbs & Sons, C. M.	General Nursery tSock	54
Hood & Company, W. T.	Special Announcement	76
Horticultural Advertiser	English Trade Periodical	76
Howard-Hickory Co.	Peach Pits	77
Howard Rose Co.	Rose Bushes	55
Hubbard Company, T. S.	Grape Vines, Berry Plants	77
Huntsville Wholesale Nurs.	General Nursery Stock	56
Hyper-Humus Co.	Special Announcement	76
Ilgenfritz' Sons Co., I. E.	Evergreens, Trees, Shrubs	79
Independent Fruit Co.	Callused Grape Cuttings	74
Interstate Nurseries	Fruit and Nut Trees, Roses	71
Iroquois Bag Co.	Used Burlap	71
Jackson & Perkins Co.	Ornamental Stock	71
Jones, J. F.	Cherry Tree a Specialty	56
Jones Nursery Co., E. W.	Stock for Sale	74
Kelly Bros. Nurseries	Cherry Trees	54
Kelsey, Harlan P.	Carolina Hemlock	63
Kelsey Nursery Service	Lining-out Stock	74
Kelway & Son	Old English Flower Seeds	69
Kiyono, T.	Choice Evergreens	71
Little Tree Farms	Evergreens	71
Loeb, Alfred A.	Ornamental Stock	74
Lord & Burham Co.	Greenhouses	75
Lovett, Lester C.	Privet and Berberis	77
Lutz Peony Farms	Peony Roots	76
Lux, W. L.	Iris, Peonies, Lilac	74
March Automatic Ir. Co.	Irrigation System	55
Monroe Nursery	Evergreens, Trees, Shubs	79
Mountain View Floral Co.	Portland Roses	74
Naperville Nurseries	Young Stock	72
Nature's Nurseries	Ornamental Evergreens	74
Neosho Nurseries Co.	Tree Digger	69
Northeastern Forestry Co.	Evergreen Seedl'gs and Transp'ts.	72
Norton, A. L.	Pin Oak Seedlings	69
Ohio Nursery Company	Paper Labels	75
Onarga Nursery Co.	Ornamental Nursery Stock	79
Onarga Nursery Company	Lining Out Stock	76
Ottawa Star Nurseries	General Nursery Stock	56
Painesville Nurseries	General Nursery Stock	53
Parsons Wholesale Nurseries	General Nursery Stock	75
Peters, Charles M.	Grape Vines	72
Pine Bluff Nursery Co.	Oriental Arbor Vitae	77
Portland Wholesale N. Co.	Seedlings	77
Prestage & Sons, J. G.	Strawberry Plants, etc	76
Princeton Nurseries	General Nursery Stock	55
Process Color Printing Co.	Color Prints	76
Rambo, L. J.	Strawberry Plants, Blackberry	75
Ramsey & Co., L. W.	Advertising for Nurserymen	76
Reed, W. C. & Son	Cherry, Pear, Apple, Peach	79
Rice Bros. Co.	Special Offering	79
Robertson-Vistica Nursery	Fruit Tree Seedlings	72
Robinson, H.	Palmetto Palms, Etc	73
Rosebank Nursery	Tree and Shrub Seedlings	76
Rose Farm, Inc.	Roses	69
Royal Palm Nurseries	Lining Out Stock	73
Sargent, Lester L.	Patents	69
Scarff & Son, W. N.	Small Fruit Plants	77
Schifferli & Son, F. E.	Grape Vines, Etc	75
Scotch Grove Nursery	Evergreens	72
Shadow Nursery Co., Joe	Fruit Trees, Etc	79
Sherman Nursery Co.	General Nursery Stock	72
Simpson Nursery Co.	Pecan Trees	76
Skinner & Co., J. H.	Fruit Trees, Privet, Etc	79
Smith Company, W. & T.	General Nursery Stock	54
Spoden Nursery, F. G.	Grape Vines	69
Stark Bros., N. & O. Co.	Special Announcement	58
Storrs & Harrison Co.	General Nursery Stock	53
Summit Nurseries	Pecan Trees	69
Thomas Co., W. W.	Special Service Announcement	71
Titus Nursery Co.	General Stock for Exchange	77
Troy Nurseries	General Nursery Stock	77
United Litho & Ptg. Co.	Plate Books, Catalogues	69
Van Veen Nursery Co., Theo.	Lining Out Stock	77
Vincennes Nurseries	Cherry a Specialty	79
Wanted	Nurseryman	76
Wanted	To Purchase Nursery	76
Washington Nursery Co.	Special Announcement	77
Wathena Nurseries	2 Yr. Apple, Fruit Trees	79
Wayside Gardens Co.	Hardy Perennial Plants	56
Westminster Nursery	Privet	69
West & Sons, T. B.	Fruit Trees	69
Williams Nursery Co., L. E.	Evergreens, Trees, Shrubs, Etc.	72
Wilson, C. E.	Special Announcement	54
Wilson & Company, C. E.	Barberry Seedlings	72
Young, Robert C.	Boxwood	69

BURR QUALITY plus BURR SERVICE

MEANS SATISFACTION AND PROFIT

Spring is Here!—Order Now—Can Make Prompt Shipment

BABY RAMBLERS

Just right for forcing for Mothers' Day and Decoration Day. Fine No. 1½ grade, $15.00 per 100, in following varieties:

BABY RAMBLER RED, CATHERINE ZEIMET, CECIL BRUNNER, ERNA TESCHENDORF, LAFAYETTE, ORLEANS

	Per 10	Per 100
H. T. ROSES, A big list	$ 4.00	$35.00
H. P. ROSES	3.50	30.00

CLIMBING ROSES

Climbing American Beauty	$ 3.50	$28.00
Crimson Rambler	2.50	20.00
Dr. Van Fleet	3.50	28.00
Excelsa	2.50	20.00
Flower of Fairfield	3.50	28.00
Rosarie	3.50	30.00
Tausendschoen	2.50	20.00

SHRUBS

Almonds, Red and White, 2-3 ft.	$ 3.50	$30.00
Deutzia Lemoine, 12-18 in.	1.50	10.00
Hydrangea Arborescens Grandifl'a, 2-3 ft.	4.00	35.00
Hydrangea Paniculata, Grandifl'a, 18-24 in	3.00	25.00
Double Flowering Peach, Red, 3-4 ft.	5.00	40.00

IMPORTED ROSE STOCKS

	Per 1000
Manetti, French, 5-9 m. m.	$20.00
Manetti, Holland, 5-9 m. m.	25.00
Rugosa, Holland, 5-9 m. m.	20.00

AMCOR RIVER PRIVET, North

	Per 100	Per 1000
4-5 ft., 6 branches and up	$20.00	$150.00
3-4 ft., 6 branches and up	12.50	100.00
2-3 ft., 4 branches and up	7.50	60.00
18-24 in., 3 branches and up	6.00	50.00
12-18 in., 3 branches and up	5.00	40.00

CALIFORNIA PRIVET—2 yr. cut back

3-4 ft., 6 branches and up	$ 7.50	$60.00
2-3 ft., 4 branches and up	6.00	45.00
18-24 in., 3 branches and up	4.00	30.00

BARBERRY THUNBERGII—3 yr.

This stock is very bushy, especially on these two grades. A good buy.

	100	1000
12-18 in.	$10.00	$75.00
9-12 in	7.50	50.00

BARBERRY THUNBERGII SEEDLINGS

	Per 1000
12-15 in.	$25.00
9-12 in.	18.00
6-9 in.	11.00
3-6 in	8.00

SILVER MAPLE SEEDLINGS

18-24 in.	$15.00
12-18 in.	12.50
6-12 in.	7.50

AMERICAN ELM SEEDLINGS

12-18 in.	$ 7.50
6-12 in.	4.50

Good Assortment of Fruit, Shade and Ornamental Trees, Paeonias, Phlox, Perennials, Small Fruits, Vines, Seeedlings, etc.

Look over our New Bulletin, out February 25th.

C. R. BURR & CO., Inc.

MANCHESTER Connecticut

We do not sell at wholesale to retail buyers

CATALOGUES

Your "*Salesman*"

MAKE sure that your "Salesman"—your Catalogue—does represent you and your business; that it reflects the personality of your firm and expresses the individuality of your business; that it tells buyers why they ought to buy your stock.

Your Catalogue written with that idea and then printed and illustrated with an understanding of the nursery business, will be a good Catalogue. This is a good time to write us about the next one.

Our Catalogue Platebook

We have built a good catalogue platebook. It measures up to present advertising standards. It gives your salesmen complete selling equipment. Immediate delivery, your copies to have individual covers.

THE DU BOIS PRESS

ROCHESTER, NEW YORK

Offering To The Trade

We offer the following for delivery next Spring:

500	Cornus alba sibirica (Coral Dogwood)	2-3 ft
500	" " " " "	3-4 ft.
500	Weigela rosea (Pink weigela)	2-3 ft.
500	" " " "	3-4 ft.
500.	Forsythia Fortunei	2-3 ft.
500	Hydrangea pan. grand. (Hy. Peegee)	18-24 in.
500	" " " " "	2-3 ft.
600	Lonicera grand. rosea (Pink)	
1000	" morrowi (Morrow honeysuckle)	3-4 ft.
500	" tartarica alba (White Tartarian honeysuckle)	3-4 ft.
500	Rhus typhina laciniata (Shreaded sumac)	4-6 ft.
1000	Viburnum dentatum (Arrowwood)	2-3 ft.
1000	" opulus sterile (Common Snowball)	18-24 in.
500	Populus eugenei (Carolina Poplar)	6-8 ft.
500	" " " "	8-10 ft.

Roses

1000 Dorothy Perkins
1000 Excelsa
500 Cl. Baby Rambler
500 White Dorothy
300 Gruss an Teplitz
300 Gen. Jacqueminot
200 Frau Karl Druschki (Snow Queen)
200 LaFrance
100 Marshall P. Wilder

Write us for quotations on this stock—
the prices are right.

STARK BRO'S

Nurseries and Orchards Co.

LOUISIANA, MO.

American Nurseryman

The Chief Exponent of the American Nursery Trade
National Journal of Commercial Horticulture

Entered September 6, 1916, at Rochester, N. Y. Post Office as second-class mail matter

WITHOUT OR WITH OFFENSE TO FRIENDS OR FOES, I SKETCH YOUR WORLD EXACTLY AS IT GOES.—BYRON

Vol. XLV ROCHESTER, N. Y., MARCH 1, 1927 *No. 5*

IS CO-OPERATIVE NURSERY ADVERTISING FEASIBLE?

By George W. Kelly, Editor Farmstead, Before Northern Retailers Association

In my travels through the country, I am impressed with the need for more finowledge on what to plant and how to plant. Folks want trees and flowers and shrubs. They want to beautify their home grounds. A few weeks ago I was out in western North Dakota in a community where the farm folks were doing very well indeed with alfalfa and sweet clover, purebred livestock, dairy cattle, beef cattle, hogs and sheep. I found some nice groves, but many, many more places where neither the shelter belt nor the ornamental plantings had done well. I found the women homesick on account of the lack of trees.

And so I have been thinking about the problem of getting to these folks the information which they so greatly desire and which would be of so great value to them. And there has come to me, I think perhaps in talking with some of your members, the idea that the best way to go about it probably is through an association—an organization such as you have—which would guarantee the quality of the goods and which could share the cost of the advertising.

Quality must come first—before advertising. It is the only proper foundation upon which advertising can be built. Advertising not built on quality is money thrown away. But when there is quality that can be depended upon, then advertising pays. It pays the advertiser and it pays the community. And I believe that your association has instituted activities that mean quality in the goods its members offer. You have laid the foundation.

A Nurseryman told me recently about being offered an immense quantity of Nursery stock for a few hundred dollars. He would not take the trees because he says that he would be unable to guarantee them true to name and free from disease. But somebody else did take them and sold them, and sold them in your territory, to people who ought to have been your patrons and who ought to continue to be your patrons; sold them to folks who can not help being dissatisfied with what they got, and who would have no means of konwing that that is not the kind of deal they would get from any Nurseryman.

That is why the Nurserymen who are doing a legitimate business should adopt a brand, a name, a trademark or slogan which will identify their goods and give the public something to go by. As it is now, with no trademark to identify the goods sent out by members of this association, the public does not know the difference, and every time they buy inferior goods, not only does some legitimate Nurseryman lose that sale, he also loses many, many other sales, later sales which might have come to him from this man or his neighbors.

Every time an incorrectly named tree or shrub of poor quality is planted in this territory, it subtracts from the business not only of that particular Nursery, but also from the busines of every Nursery in the state. It discourages folks. And the man who produces good goods is hurt probably much more than the man who sold these poor oes. He probably has no large investment; he does not expect to remain in business; he buys something regardless of its quality, sells it out quickly at a profit, and then goes somewhere else to repeat the process in greener pastures.

Every merchant, every manufacturer who advertises his own goods and his own trademark does, to a certain extent, promote the market for that class of goods as well as for those of his own brand. But merchants and manufacturers in many lines, competing with each other in their advertising, have found that to a certain extent, at least, they were merely swapping customers rather than really creating new business; hence, the growing number of associations for the purpose of advertising.

Perhaps the experience of some of these associations will be of value in figuring out how best to handle such projects. Here is the advertisement of the American Face Brick Association. In 1920, there was one home built of brick to each nine of frame construction. In 1924, there was one brick building to each three of frame construction. The advertising campaign which is credited with bringing this about cost from $125,000 to $140,000 yearly. The money is raised by assessments based on the production of each factory. Seventy per cent of the producers of face brick in the United States are represented in this association. Forty per cent of the appropriation comes back to the association each year in money which is paid for the booklets that are advertised. In this advertisement, four are mentioned. One is free, two cost 25 cents, and one is advertised at 50 cents. The slogan of this advertising is "Use Face Brick, It Pays."

And I am confident that a committee appointed by this association, with the help of some good advertising man who really knows the subject, can work out plans which, at a comparatively slight cost, will enhance the business of every member of the association and which will be highly beneficial to the whole state, and more especially, of course, to that great industry in which I myself am most interested, that of agriculture.

Have You Noted This?

The convention season causes the New York Commercial to observe that while business interchange is now regarded as on a higher plane:

"One of the pitiful facts about conventions is the hypocrisy which accompanies many gatherings. Thus far many business men have not gotten away from double standards of ethics—one for convention purposes and the other for use in their business upon their return to their desks. Business men belong to the Kiwanis, Rotary, Optimist and other service clubs; they affiliate with trade associations and attend conventions. They hear inspiring addresses, adopt idealistic resolutions, subscribe to elevating educational movements, laud the Golden Rule as the proper guide for business conduct, yet returning to the factory or office they decide that while all that is good 'bunk' they guess they will run their business as always, getting as much as possible and giving as little in return as possible.

"If the leaders in an industry will practice as well as preach these high ethical doctrines, their strength will give courage to the others who fear to be in the van but gladly follow courageous leadership. It appears that almost every industry has its own peculiar problems wherein sound ethics are badly needed by a goodly portion of the industry. As conventions constantly grow a more popular custom, the business man of high ethical standards can look his competitors square in the eyes at such gatherings without flinching. Though not always true, it is often the unethical practitioner who does not belong to his association, does not attend conventions, consequently receives no help from exchanging ideas with the other man."

Kansas Nurserymen's Association in annual convention has elected: President, Thomas Rogers, Winfield; vice-president, E. P. Bernardin, Parsons; secretary-treasurer, James N. Farley, Topeka.

30 or 40 Leaves Required to Make One Good Apple

The leaf area of an apple tree is capable of manufacturing sufficient food material for a given number of apples of good size and quality. On heavily loaded branches and trees there is often less than 20 or 30 leaves per apple, and under these conditions the fruit is small and of poor quality. Although some orchardists have practiced removing a few apples to increase the leaf area per fruit, until recently there were no experimental data available to indicate the exact number of leaves required per apple. Thinning has been more or less of a guessing operation.

M. H. Haller and J. R. Magness, horticulturists of the United States Department of Agriculture, in a series of tests made at the Arlington Farm, near Washington, found that different varieties vary in the relationship between the leaf area and the size and quality of the fruit. For the Grimes and Ben Davis under the conditions of the tests at least 30 to 40 medium-sized leaves per fruit were necessary to obtain apples of good size and quality, and as many as 50 for the Delicious. When a smaller number of leaves was present, the fruit was not only smaller in size, but was low in dry weight, low in sugar content, and of poor dessert quality. It was found also that apples grown with a large leaf area ripen slightly earlier than the same variety having fewer leaves per fruit.

Farm Population in New York

There has been a decrease of 8,000 in the number of people on farms in New York State during the past year, according to estimates just completed by R. L. Gillett, of the New York State Department of Agriculture and Markets, and the United States Department of Agriculture in collaboration with G. F. Warren, of Cornell University. These estimates are based on changes which took place last year on 7370 farms, representing all types of agriculture in all parts of the state. This decline in farm folks has been continuous for a long time, amounting to 102,000 persons in the eleven years since 1916, or a decline of 15.7 per cent during that period. On February 1, there were about 24,000 hired men on farms in the state, or one for each eight farms in the state.

APPLICATION OF DISINFECTANTS IN HORTICULTURE

By W. P. Stark, Wilmington, Del., Before Tennessee Nurserymen's Association

[Nurserymen throughout the country have expressed interest in what is being done in the way of making practical application of disinfectants in horticulture, through the combination of eminent American and European scientists with the remarkable resources of the E. I. du Pont de Nemours & Co., Wilmington, Del. W. P. Stark, well-known Nurseryman, now connected with the horticultural department of the du Pont Company in an address before the Tennessee Nurserymen's Association in Knoxville last month described what is being done.]

—

PRIOR to the world conflict, we had no organic chemical industry in the United States, at least none worth speaking of, and very few experienced organic chemists. The du Pont Company established at Carney's Point, N. J., in 1917, a plant devoted to the manufacture of organic chemicals which is now called the Dye Works because many of these chemicals are used for dyestuffs. This plant has grown by leaps and bounds and thousands of synthetic organic products are now made there.

But before the establishment of an organic chemical industry in America an almost complete monopoly existed in Germany and it was there that research was conducted on a grand scale. Dr. Max Engelmann turned his attention to organic compounds of mercury in the year 1908 and Professors Appel of Berlin and Remy of the Agricultural College of Bonn, tested his preparations for him. Eventually considerable quantities of chlorophenol mercury compounds were used in continental countries for the control of seed and soil borne diseases and other chemists began to study seed disinfectants.

By 1921, Dr. Engelmann had made America his home and interested the Du Pont Company in carrying on further research work in connection with these mercurials. The original German product had been unstable in the presence of moisture and could only be used in the form of its water solution for the soaking of seeds. Further research in the Du Pont Laboratories corrected the deficiency in stability and an entirely new form of hydroxychlorophenol mercury called Semesan was brought out by the Du Pont Company. Semesan was the first and is still the only chlorophenol mercury compound that can be used either in the dust or liquid form. The invention of a preparation of this sort that can be used either for the dusting or soaking of seeds and the control of such parasites as the "damping-off" fungi by the sprinkling method, marked a distinct advance in the art of making fungicides.

Semesan was under test at American experiment stations in 1922 and was first marketed in March, 1923. It did not come into general use, however, until 1924. In 1926, Semesan Jr., a dust disinfectant for the control of the ear, stalk and root rots of corn, was offered the growers, quickly followed during the same year by Semesan Bel, a seed potato disinfectant. Here again we have two advancements in the art of disinfectant making.

Semesan Jr., is a dust disinfectant only and was prepared to control the diseases that cause the ear, stalk and root rots of corn. Because of the way in which the organic mercury compound is combined in it, the product is highly effective for this purpose.

Before the advent of Semesan Bel there was no seed potato disinfectant which could be applied to the seed piece as a thin white was—like coating—no disinfectant that actually went down into the ground with the seed potato and protected it from rotting—no disinfectant that continuously exerted a disinfecting action during the entire life of a seed piece and repelled the soil borne fungi. Furthermore, Semesan Bel produces a thick callus on the cut surface of the tuber and by its chemical action seals off the fresh store of starchy tissue within. It is also the only quick method of disinfecting seed potatoes ever offered the farmer and now seed potato disinfection is a matter of minutes instead of hours of time previously consumed.

The point I wish to make about these three Semesan products is that they are elaborate organic chemical compounds, synthetic organic chemicals which require a great amount of skill to manufacture. They are combinations of chlorine, mercury and carbolic acid and certain substances which though classed as chemically inert, nevertheless play a great part in the physical workability of the fungicides. They are essentially different from any other preparation ever marketed in any company and are the best that science has yet devised. They are the concrete evidence of the interest of one of America's largest and oldest chemical corporations in the problems of those who grow green things in mother earth. But best of all, they conclusively demonstrate the awakening imagination and appreciation of our chemists to the problems of the growers. Semesan Disinfectants are, therefore, termed "modern" disinfectants to distinguish them from the crude products of yesterday and it is my feeling that they usher in a new era in seed and soil disinfection.

I set up no claim that these products are perfect. They are simply the best available in the year 1927 and I sincerely hope in ten years from now when we meet together, we will again have **modern** ones to talk about. We intend with your help to keep this word "modern" from becoming shabby.

At our research laboratories we have a corps of very able chemists including the originator of these disinfectants, Dr. Engelmann. Our force of pathologists is headed by Dr. W. H. Tisdale, formerly of the United States Department of Agriculture and the biological work is under the direction of Mr. Forest J. Funk, who has had many years of experience in this field. We have our own greenhouses and trial grounds in New Jersey and Delaware and our traveling demonstrators are men who have graduated from agricultural colleges or who have had many years of experience as practical growers.

Even so, we can accomplish little unless we have your hearty co-operation which I know you are extending to us. If each one of you carries on some work in the adaptation of these disinfectants to local conditions and record your results, a vast store of information will be accumulated for the benefit of all of us. Your experiment stations and county agents will advise and assist you but the work cannot progress so rapidly if you rely on their efforts alone. Who can doubt the value of co-operation between growers, experiment stations and manufacturers in reducing the economic losses caused by fungous diseases of plants? Not less than five hundred million dollars a year or a direct tax of five dollars on each man, woman and child in the United States is the toll we pay.

It is Semesan, the parent product, which is used to prevent "damping-off" and for general seed and bulb treatment.

"Damping-off" is generally caused by three diseases called Pythium, Fusarium and Rhizoctonia, but there are a number of other diseases which may cause this effect. It is sufficient to say that the diseases are usually soil borne but are communicated by minute sclerotia or spores on the seeds from one area to another. It is always well to disinfect seeds with Semesan before planting them in order to destroy these sclerotia and spores, which may be said to be, for all practical purposes, the seeds of the fungus. However, if your soil is infested, it is quite difficult to kill the spores in it and one must wait until they germinate, throw up a vegetative system called the mycelium and then this mycelium may be destroyed.

Therefore, when young seedlings are coming through the ground, just underneath or at the surface of the ground, the mycelium of the fungus is also growing—perhaps unseen. Put one ounce of Semesan in three gallons of water and apply two quarts of this solution to each square yard to be treated, whether it be bed, hill or row. This will destroy the fungous plants that have germinated and perhaps more will germinate at a later date and a second treatment may be necessary and in persistent cases a third.

Vegetable, flower, tree seedlings and some of the field plants are susceptible to damping-off. There are exceptions but this is generally true. Semesan applications will control all true cases of "damping-off" if you will but make them at the right time. After the plant is well up and has been scored or its fibro-vascular bundles are filled with the fungus it is too late. Even as persistent a disease as the wilt of asters has been controlled with Semesan applications. It is quite easy to control the "damping-off" of conifer seedlings but in propagating deciduous cuttings in frames, see that the frames are well ventilated else you may damage the cuttings. Damping-off of celery, egg-plants, tomatoes and practically all of the vegetables, is not difficult of control once you understand when to apply the treatment.

Now as to bulbs and corms. Most of them have husks and the various diseases such as hard rot, soft rot, botrytis, are usually not on the husk but on the body of the bulb. Dust treatments of bulbs are not satisfactory and the bulbs must be soaked in Semesan solutions to control the diseases. It takes quite a long period for the solution to penetrate the husk and say one sixteenth of an inch into the body of the bulb. Let me illustrate with an extreme case. The hard rot of gladiolus may be well controlled if the corms are soaked for seven hours in a two per cent solution of Semesan. This strong solution penetrates the husk and softens and penetrates the lesions of the disease on the body of the corm, Such lesions being destroyed they dry up like scab, do not spread and eventually disappear. For hyacinths a .25% solution for two hours is sufficient and remarkably vigorous and heavy root systems follow this treatment. I would like many of you to purchase some hyacinth bulbs, soak part of the bulbs for two hours in a solution of one once of Semesan in three gallons of water, then grow these bulbs over water in the tall glass containers usually used for this purpose. Compare with untreated bulbs grown alongside of the treated ones. Note the rot system and flowers. One hour's soaking of freesia bulbs in the same strength solution eliminates Red Bulb disease and scab and adds to the vitality of the bulb.

Clarence Prentice of Kent, Washington, a commercial gladiolus grower, said: "Our bulbs are very badly infested with dry rot to such an extent that it was obvious in a few years our stock would be worthless." He soaked them in Semesan and from the diseased corms he produced flowers which topped the Seattle market getting one dollar a dozen for them when other glads were bringing twenty-five cents. Next, he took first prize with these flowers at the Washington State Fair. The spikes of the flowers were larger and the color more intense, than in any crop he ever before produced.

Seeds are the carriers of the fungous spores. During the dormant period the fungi become active and feed on the starchy matter of the seed and on the germ itself. As a result there is a decreased germination. The best time to dust seeds with Semesan is therefore just subsequent to the drying period following harvest. It takes moisture to germinate the fungous spores and the same moisture makes the Semesan active and keeps the fungi from damaging the seed. Seed growers and seedsmen should disinfect their seed crops and indeed in many localities this is already being done. The advantage is obvious. Nearly all seeds will show a high germination percentage just after being dried especially if freed of fungous enemies. This high germination percentage may be maintained for a long period of time if the seeds are disinfected. Furthermore, the grower has a right to expect clean seed which will not bring to his

APPLE NOT SUSCEPTIBLE TO ROOT KNOT NEMATODES

Says J. A. McClintock, Tennessee Agricultural Experiment Station

"Though the apple tree has been listed by some experts as one of those fruits and plants susceptible to rootknot nematodes, after five years of experimenting with apple trees in search for nematodes, I have found in no instance any susceptibility and believe that apples are the one thing that can be grown successfully in nematode infested soil," declared J. A. McClintock, of the agricultural experiment station of the University of Tennessee, in addressing the Tennessee State Nurserymen's Association at its recent convention in Nashville.

Mr. McClintock's address, which was illustrated forcefully by stereopticon slides made from a microscopic survey, was of particular interest to the Nurserymen, as the slides in many instances depicted the effect of the parasitic nematodes on plants and fruits from Tennessee Nurseries.

Mr. McClintock in his talk said that nematodes had become widely distributed throughout Tennessee during the nine years from 1918 to 1927 and that investigation showed the worm attacked at least 500 different plants. He named a long list of the more familiar vegetables, fruits and plants which it attacked, among them being the peach, fig, plum, catalpa, willow, rose, begonia, cyclamen, celery, salsify, lettuce, peas, beans, cotton, peppers, cucumbers and cantaloupe.

By use of the stereopticon slides he showed the root-knot nematode or "plant thread-worm" in its various forms, and declared that one female could develop 500 eggs within thirty days' time. He explained by means of the slides how it affected Irish potatoes, sweet potatoes, the begonia, cyclamen, hydrangea, willow, catalpa and peach.

The peach, he said, was one of the most susceptible to the nematode and it was in the peach that the Nurserymen received their greatest losses. He suggested that Nurserymen learn the nematode contents of their soil by examining the land for two years prior to planting the peach pits.

Mr. McClintock said that in determining where nematodes were prevalent he relied wholly on a microscopic survey and declared that if there were finances available for the work, the University of Tennessee could do this work for the Nurserymen. He said that he hoped the state would soon make an appropriation for this purpose which would be of untold benefit to the state.

He said that in some Nurseries the parasites had become established and it was very easy to bring the nematodes into other Nurseries. He said that the root-knot nematode increased with such rapidity that it became a great menace to all plants. He was questioned as to what method to pursue in getting rid of nematodes, and, he replied that there was no known remedy for them and it would be foolish to raise crops on land known to be infested with them.

He said that in some Nurseries the paraby some as susceptible to the root-knot nematode, but that after five years of experimenting with them and after an inspection of many apple trees, he had not found a single instance of where the apple had been affected by nematodes. He demonstrated his point by exhibiting a slide showing an apple and a fig tree growing side by side with the fig infested with the nematodes on its roots, while the apple tree was untouched.

Mr. McClintock said that it was very easy to mistake the nematodes for the avis as they look very much alike from the outside but further said that his inspection of the knots found on apple roots showed no signs of the nematodes. Mr. McClintock qualified his statement regarding nematodes on apple trees by declaring that though he had found no signs of the parasites on any apple trees he had examined, he did not wish to state that some variety of apple might not be susceptible.

Mr. McClintock recommended to the Nurserymen that in case they had any nematode infected land, they turn it into an apple orchard as apples were the one thing which could be raised profitably without any danger from the root-knot nematodes. "This suggestion," he said, "is our contribution from the University of Tennessee to the Nurserymen of this state." In closing he urged that where trees and plants were found infected with nematodes they be burned and not allowed to disseminate the parasite further.

To Eliminate 105 Fruit Varieties

Recommendation that 105 poor varieties of trees be eliminated from all but home orchards was made to fruit growers of Monroe County, N. Y., by the production committee of the Fruit Growers' Conference. This conference met recently to develop a plan which has now been approved by members of the New York State Horticultural Society and by other growers. At a meeting in Brockport, Walker and Greece is was discovered that many were already adopting the measure.

Work Over at 1:30 P. M.

A friend of W. D. Griffing, head of C. M. Griffing & Co., Macclenny and Glen Saint Mary, Fla., the 12,500-acre Nursery, says of him in the Southern Florist: "He firmly believes in hard work, as do all the other Griffings, but in a regular way. He finds the best time to study his orders, correspondence, work plans for the new day, etc., is during the early morning hours when his mind is fresh, and this is the way he invariably starts his day. He gets up around 3:30 every morning and by first bell his desk is clear and in order. He then goes to the field and personally inspects each foreman's group, staying in the field until about 11 o'clock. After luncheon at 11:30 he takes his mid-day siesta as he has since the age of 21. At 1 o'clock he makes brief inspection of each branch of the work. The remainder of the afternoon is his for study of current topics and enjoyment of reading matter in general. Dinner at 6 and an early retiring hour complete the day."

Big Nursery Investment—More than 95 per cent of the outdoor plants and shrubbery used in the Northwest are produced in Nurseries, John Nordine, Lake City, Minn., president of the Northern Retail Nurserymen's association, told members of the association at their annual convention. Firms represented in five Northwest States have an investment of approximately $4,000,000 in their business enterprises to produce the trees and plants, Mr. Nordine declared.

Great River Nurseries, Oakdale, Suffolk Co., N. Y., have been incorporated by R. Mandelbaum and B. Kowitz.

Federal Regulatory Announcements of a Quarter

Federal Horticultural Board Bulletin 88 lists service and regulatory announcements relating to horticultural quarantine, covering the quarter, July-September 1926. For the most part these announcements have to do with amendments to quarantines, new regulations in practice, details of administration, etc.

Convictions for violations of the plant quarantine act are also listed. These are of interest to the trade generally as showing that enforcement of provisions is actually made and that watch is being kept on operations within the scope of the regulations.

It should be borne in mind that most of the violations, especially in such cases as relate to white pine blister rust and Japanese beetle quarantines, result from oversight in shipping due to necessary dependence upon employees in the rush of packing time. Pleas of guilty and the imposing of fines following in natural course and business proceeds as usual. No attempt to defraud is claimed in such cases.

The following convictions for violations of the plant quarantine act were reported to the board during the period July 1 to September 30, 1926.

White-Pine Blister-Rust Quarantine—In the case of the United States v. J. C. Welch, doing business as the Welch Nursery, Shenandoah, Iowa, in the interstate shipment of five white-pine trees to a point outside of the quarantined area, the defendant pleaded guilty and was fined $10 and costs. (Plant Quarantine Case No. 277).

In the case of the United States v. David Knight and A. R. Knight, doing business as David Knight & Son, Sawyer, Mich., in the interstate shipment of six gooseberry plants to a point outside of the quarantined area, the defendants pleaded guilty and each defendant was fined $25. (Plant Quarantine Case Co. 303).

In the case of the United States v. Wm. Westhauser, doing business as Westhauser's Nurseries, Sawyer, Mich., in the interstate shipment of 12 currant plants to a point outside of the quarantined area, the defendant pleaded guilty and was fined $25. (Plant Quarantine Case No. 309).

In the case of the United States v. C. E. Snyder, doing business as Preston Nurseries, Preston, Minn., in the interstate shipment of two currant plants and six gooseberry plants to a point outside of the quarantined area, the defendant pleaded guilty and was fined $5. (Plant Quarantine Case No. 281.)

Japanese Beetle Quarantine—In the case of the United States v. Arthur Wilson, Cold Springs, Cape May, N. J., in the interstate shipment on August 17, 1925, of one basket of vegetables from the infested area of New Jersey to a point outside the quarantined area, without inspection and certification, the defendant pleaded guilty and was fined $10. (Plant Quarantine Case No. 300).

In the case of the United States v. C. R. Simons, Wilmington, Del., in the interstate shipment on December 2, 1925, of two boxes of chrysanthemum plants from the infested area of Delaware to points outside the quarantined area, without inspection and certification the defendant pleaded guilty and was fined $10. (Plant Quarantine Case No. 288).

In the case of the United States v. John D. Coles, Woodstown, N. J., in the interstate shipment on December 2, 1925, of one bundle of Nursery stock from the infested area of New Jersey to a point outside the quarantined area, without inspection and certification, the defendant pleaded guilty and was fined $10. (Plant Quarantine Case No. 299).

In the case of the United States v. The American Railway Express Co., in the interstate transportation on December 2, 1925, of two boxes of chrysanthemum plants from the infested area of Delaware to points outside the quarantined area, without inspection and certification, the defendant pleaded guilty and was fined $50 ($25 on each of two counts). (Plant Quarantine Case No. 289).

Nursery Stock, Plant, and Seed Quarantine—In the case of the United States v. John Pellar, Binghamton, N. Y., in attempting to smuggle in 200 strawberry plants from France, without permit, the defendant was fined $95. (Plant Quarantine Case No. 286).

In the case of the United States v. Jesus L. Guerrero, in attempting to smuggle 23 live ornamental plants and shrubs into this country from Mexico, without permit, the defendant was sentenced to jail for the period August 16 to September 13.

---

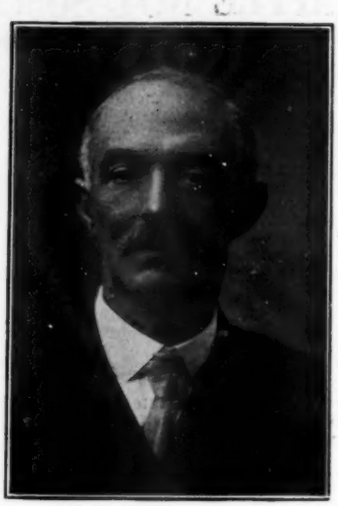
virgin soil the diseases from other localities.

Some of you may wonder why an old Nurseryman like myself should be interested in disinfectants. For years I have preached modern tree varieties and up to date methods in orcharding and have had some measure of success. I love to work for those things which are sound, scientific and progressive and when the opportunity came to me to ally myself with one of the oldest and yet one of the youngest companies in America in point of vigor and progressiveness, I buckled on the harness and set out on the long path from the Atlantic to the Pacific, for in the words of the college boy of today, "I want to go places, see people and do things."

OHIO NURSERYMEN'S LIVELY STATE ASSOCIATION

HOWARD N. SCARFF, New Carlisle, O.
Secretary Ohio Nurserymen's Association

CLARENCE SIEBENTHALER, Dayton, O.
President Ohio Nurserymen's Association



T. B. WEST, Perry, O.
Member Exec. Com. Ohio Nurserymen's Assn.

OHIO Nurserymen held their 20th annual meeting at the Neil House, Columbus, O., Feb. 1 and 2. One hundred Nurserymen were present and unusual interest was shown in every session. The program as arranged was followed closely. Each speaker brought a valuable message to the association. It was the finest meeting the Ohio Nurserymen have had.

At the banquet there were speeches by Prof. Paddock, Prof. Hottes and Prof. Victor Ries (all of the Ohio State Univ., Horticulture Dept.) Richard Faxon, state Nursery inspector; Edmund Secrest, state forester, Harry S. Day, Mr. Cultra, T. B. West, Edward Jenkins, Clarence Siebenthaler and Howard Scarff. During the banquet Harry Day of the Fremont Nursery made a 20 minute broadcast over Radio Station WAIU on "Interesting Facts Regarding Ohio Nurseries."

President A. S. Buskirk's address was published on page 41 of the last issue of this journal.

PLANT PROPAGATION

Dr. P. E. Zimmerman, dean of the College of Agr., College Park, Md., discussing "Plant Propagation," said that many hard-shell seeds need to be scratched or scarified so that they can take up moisture before germinating. Some seeds, such as holly, have immature embryos. Others have mature embryos but require an after-ripening treatment before germination can take place. High Bush cranberry and Cornus florida are examples and should be after ripened at a temperature of 41 degrees F. Japanese barberry requires an alternation of high and low temperature, so that stratification at outdoor temperatures is satisfactory. Apple demands after-ripening of 80 days at 41 degrees temperature, which is practically obtained in protected cold frames. Rosa hugonis requires 41 degrees for three months. Cotoneaster requires 41 degrees for six months. If planted in the fall it will be ready to germinate by spring.

Precautions and Observations:

1. Do not make a quick change from the low after-ripening temperature to the warmer growing temperature (70 deg.). Let the change be gradual.

2. In storing seed for after ripening place in moist sand or peat moss. Best medium seems to be 1/3 sand and 2/3 peat moss.

3. Do not let seeds freeze after period of after ripening.

4. Remove pulp and treat seeds with mercury compounds to prevent infection by fungi.

5. Be sure your seed is good, has embryos and is not injured by insects.

The second portion of Mr. Zimmerman's address was on the subject of vegetative propagation and was illustrated by lantern slides. A brief summary of points covered is as follows:

1. In rooting cuttings it is necessary that the rooting medium be kept in a uniform moist condition.

2. Some cuttings root better in peat moss while others are more successful in a mixture of the peat moss and sand.

3. Allowing the leaves to remain on the portion underground proved advantageous in some cases.

4. Cuttings seem to root at any depth.

TREND OF THE INDUSTRY

T. B. West, Perry, O., on the subject of "Trend of the Nursery Industry," said that in the Nurseries there has been a noted transition from fruit trees to ornamentals. The more thickly populated a section becomes the greater will be the demand for ornamentals.

In Nursery centers many farmers are growing Nursery stock. They have no overhead expenses and when they throw their plants on the market at a very low price it has a tendency to demoralize existing standard prices. Seedling and lining-out stock should not be sold to these farmers.

Nursery transactions are not completed with the sale, as the purchaser should be assisted with all service possible.

In advertising all aims should be directed to encourage the ultimate consumption of the stock, i. e. the planting.

Discussing Mr. West's paper Harry Day stated that Nurserymen must realize that generally speaking the more stock they raise the less they are going to get per unit for same.

The present trend seems to be turning too much attention to ten cent stores and department store sales. Every effort should be made to crowd out this class of dealers.

W. B. Cole stated that he thought the trend was:

1. Better mechanical implements for Nurseries.

2. Towards the growing of larger specimen plants for the trade.

3. The use of better Nursery ethics.

Edward Jenkins thought that the present trend of the Nursery industry is toward specialization and better grown stock.

Edward George suggested moderation in production, upholding price standards. Adopt standard grades of evergreens. Grow better stock, less of it and with lower overhead.

Paul Schumaker, commenting on present conditions, stated that there was still a surplus of some varieties but a good demand and that the outlook seemed good. Spring demand will probably prove better than expected.

MARKET DEVELOPMENT

John King, Cleveland, O., discussing "Advertising," said that in Beverly Hills, Calif., he noted that no home was completed without landscaping and that this was done within 48 hours after the construction of the house was completed.

No sale is a sale until it reaches the ultimate consumer. Each wholesale movement is just a step in distribution.

There is one thing peculiar to every industry, of very greatest importance, and at the same time the least discussed and that is the customer. If there is no customer there is no business.

1. Study the customer.
2. Study the market requirements. Fashion has a marked effect on the trend of industry and it seems that all people respond to the same stimuli.

There are two ways to increase profit:

1. Reduce overhead with same volume of business.
2. Make an extensive effort to expand with the present overhead.

It is of utmost importance that an effort be made towards the enlargement of the market. Advertise the service that is to be rendered in advance. Let this forerunner specifically indicate several particular products of special interest which are offered. Make concrete suggestions.

One of the ultimate objects of life is beauty. Think of the part the Nursery industry has to do with this beauty. For this reason it becomes one of the easiest types of advertising to secure results

Nurserymen are competing for the purchaser's dollar The information of the buying public is gained from suggestion of friends and from printed matter. Never overlook an opportunity of spreading Nursery information Advertising is mostly a part of selling. It is the informational part. It is a matter of extending markets. Salesmanship is a division of business.

DISEASE-FREE RASPBERRIES

R. B. Wilcox who talked on "Disease Free Raspberries," has been working with the Ohio Experiment Station in Northeastern Ohio in an effort to secure disease-free fields of raspberries from which certified stock can be secured. He stated that besides crown gall and anthracnose, raspberries are subject to three mosaic diseases namely:

1. Mosaic, to which Marlboro and Columbian are especially susceptible. Shows up very plainly on Cuthbert, mildly on Latham.

2. Leaf curl shows up more especially on red raspberries although sometimes on the blacks.

3. Streak. Carried by plant lice and can be remedied only by eradicating the plants that are infected.

(Continued on Page 73)

In the Louisville Section

Louisville Nurseries, St. Matthews, Ky., recently incorporated with a capital stock of $100,000 with the following officers: Pres., Norbourn Arterburn; vice-pres. and Mgr., G. M. Buttery; secy., E. M. Buttery; treas., J. S Lapsey.

Louisville Nurseries is large and well equipped. It has 50 acres of very fine truck garden soil. As Louisville is midway between North and South, climatic conditions are such that shrubs, trees, etc., of both regions do exceptionally well. Evergreens, deciduous trees and shrubs, are in good retail demand; fruit trees fair to poor. Evergreens are short on large sizes, also large deciduous trees, but shrubs, perennials and hedge plants are adequate. The general outlook is encouraging, due to continuous building activity. The prospects for spring business in ornamental and landscape planting are unusually good.

G. M. BUTTERY, Mgr.

Michigan License Fee

A meeting was held Feb. 16th at the State House, Lansing, Mich., for the purpose of changing the state law requiring a bond of $1000 for Nurserymen. It was an orchards and Nurseries conference. Mr. Keith moved that the Nurseryman's license fee be $50 for a three-year period. Motion not supported. Upon motion of Mr. Alford it was agreed that the license fee should be $5.

Mr. Keith—"I will make a motion that it be the sense of this body that there be no such thing as surplus plants; that any plant offered as a Nursery plant, whether it be a bulbous plant or a fruit plant, anything offered through a Nurseryman or through a dealer or jobber, has to be inspected. That might be made to eliminate the man who wants to sell something to his neighbor. But as soon as he offers anything through a jobber or salesman, the plants shall be inspected. Motion carried.

Mr. Coryell—I move that all woods trees, shrubs and vines be included with Nursery stock for the inspection by the Orchard and Nursery Inspection Srevice; also that Christmas trees, and trees, vines and shrubs taken out of the woods by tourists, be included in the jurisdiction of the State Department of Agriculture for inspection. Motion carried.

The following were named as a committee on legislation: B. J. Manahan, Pontiac Nursery Company, Detroit, chairman; H. D. Hootman, secretary Michigan State Horticultural Society, East Lansing; B. W. Keith, Sawyer, member from Western Michigan; Edward Greening, Monroe; William J. Atchison, East Lansing.

N. F. Wilson & Co., Barstow, Cal., are planning a big pecan Nursery in co-operation with R. A. Harris of the Western Pecan Nursery, Riverside.

ROBUST ★ ROSES

QUICKER SALES, EASIER PROFITS

$ Hugonis Will Put You Ahead $

More popular than ever in history the shrub Rose, Hugonis, is now handled by thousands. It is keeping selling lists up-to-date, bringing in more orders, creating greater business and making larger profits for Nurserymen than ever before. Build up your supply today right here with the finest your money can buy!

Dandy, dormant field-grown plants (O. R.)

	1	10	25, 50, 100	250, 500, 1000 up
2-year	60c. each	50c. each	45c. each	40c. each
Extra 2-year	75c. each	60c. each	55c. each	50c. each

"CASH IN" ON HARDY CLIMBERS

You will have dozens of practical uses for Climbers. For example:

To cover trellises	For hedges	To improve entrances
To grace porches	For banks	To trail over fences
To train on stakes	Among shrubbery	To beautify private roads
To hide unsightly objects	To twine on arches	For specimens on the lawn

"Cash in" on Climbers! Push them every chance you get; the more you sell the more money is yours. Count on your supply here and assure yourself and your trade of positively better plants easily turned into profits!

These are offered as **two year, first grade, dormant plants,** and will be shipped with tops trimmed in the usual fashion, except that patrons who require all branches uncut are asked to specify when ordering and remit $2.00 extra per 100.

	10	100
American Pillar. HW, Brilliant crimson-pink. Becoming popular	$3.00	$20.00
Aunt Harriet. HW. Bright red. Nice pillar Rose	3.50	25.00
Aviateur Bleriot. HW. One of the yellowest Climbers	4.00	25.00
Bess Lovett. H.W. "Better than Climbing American Beauty"	4.00	35.00
Bonnie Prince. HW. "A white Tausendschon"	4.00	35.00
Christine Wright. HW. Wild rose pink. Similar to Dr. Van Fleet	4.00	30.00
Coronation. HW. Similar to Excelsa	3.00	25.00
Dorothy Perkins. HW. Too popular to need description	3.00	20.00
Dr. Huey. H.W. Unique new variety. Deep crimson-maroon	6.00	50.00
Dr. Van Fleet. HW . Pure apple-blossom pink. "The best of all Climbers"	3.50	25.00
Evangeline. HW. Rosy white, tipped pink	3.00	20.00
Excelsa. HW. "Red Dorothy Perkins"	3.00	20.00
Heart of Gold. HW. ((New). Dark purplish crimson, with white center and showy golden stamens	5.00	35.00
Jean Girin. HW. Resembles Dorothy Perkins	2.50	18.00
Lady Gay. HW. Considered the same as Dorothy Perkins	3.00	20.00
Mary Wallace. HW. Very bright pink. One of Dr. Van Fleet's last and best creations	4.50	40.00
May Queen. HW. Clear bright pink	3.50	25.00
Mrs. H. H. Walsh. HW. Very double, pure white flowers. Excellent for trailing	3.00	20.00
Prof. C. S. Sargent. HW. One of the hardiest yellow Climbers; used for trailing	3.00	20.00
Roserie. Mult. A darker Tausendschon	4.00	35.00
Ruby Queen. H.W. Ruby-red. A sister to May Queen	3.50	25.00
Tausendschon. Mult. Faint yellow, creamy-white and bright rose-pink	3.00	20.00
White Dorothy. HW. Creamy-white. "White Dorothy Perkins"	3.00	20.00

THE CONARD-PYLE COMPANY

ROBERT PYLE, President **WEST GROVE, PA.**

Noted for Quality and Novelties for Nearly 30 Years.

(For LINING OUT EVERGREENS, see page 68, this issue)

Tsuga caroliniana
Carolina Hemlock.

Carolina Hemlock

The most beautiful American Conifer. 5,000 specimens, with fine balls and splendid tops, suitable for finest retail trade.

Net Prices to the Trade

Carolina Hemlock,	2-3 ft.	B & B @ $270.00 per 100
"	3-4 ft.	B & B @ $376.00 per 100
"	4-5 ft.	B & B @ $648.00 per 100
"	5-6 ft.	B & B @ 1080.00 per 100

Carolina Hemlock should be shipped in car lots.

KOLKWITZIA AMABILIS, BEAUTYBUSH

One of the most beautiful and rarest Arnold Arboretum introductions. A limited number offered to live nurserymen.

Beautybush, 6-9 in. transplanted and B. & B. @ $125.00 per 100

Orders reserved in rotation. ***Prices net subject to sales.***

HARLAN P. KELSEY, Salem, Massachusetts

OHIO NURSERIES TO SEE ON JUNE CONVENTION TRIP

At Fremont and Clyde, O.

One of the Nursery sections of Ohio centers about Fremont and Clyde. At the latter place are the Clyde Nursery, A. R. Pickett & Son, and the French Nursery. Eight miles west of Clyde is the Fremont Nursery, Harry S. Day, proprietor. The business of the two Clyde Nurseries is done mostly through agents; that of the Fremont Nursery is in the line of mail orders and direct sales at the Nursery. There are a dozen or more men in the berry and fruit business in the section around Clyde who grow berry plants and some other things for sale. The entire section around Clyde is a light sandy soil especially adapted to fruit and berry growing. The soil at Fremont is heavier, although a wonderful sandy loam and while fruit and berries can be grown there as well, farmers do not go into it nearly as heavily as they do a few miles to the east.

The Fremont Nursery was established in 1858 by Harry S. Day's father, John Day, who died in 1910 at the age of 87 years. For a number of years previous to that the son had taken it over although his father was still active and interested in it till the last few weeks of his life. For many years after it was established the main outlet for trees, and it was all fruit trees then, was in the peach section of Ohio, in Ottawa County, which is just north of the adjoining county. This takes in the big peach section of Catawba Island, Danbury, Gypsum, Port Clinton, etc.

The Fremont Nursery has many customers there among the leading growers who have been dealing with it for 25, 30 or more years continually. It has a local trade extending in a radius of 75 to 100 miles which come by auto from all over Northern Ohio.

Mr. Day said last week: "Long before my father's death I had taken up the growing of Christmas trees and for a number of years grew and marketed many thousand. I cut over 12,000 Chrictmas trees one season, some seven or eight years ago. Since that I have not had as many to cut, owing to the fact that during the war it was difficult to get imported seedlings; and soon after the war the importation was shut off and we were compelled to use domestic seedlings, for which we either had to pay a much higher price or else use a much smaller seedling, the consequences being that it takes longer to grow a Christmas tree now than formerly. I got behind on my planting for a few years and then had to use smaller seedlings; and, while I have thousands coming on now in all the smaller sizes yet I have been short of trees of the size to cut for Christmas trees, for several years past. But I am gradually catching up."

The Fremont Nursery has a frost-proof cement block Nursery cellar, 100 x 70 ft.; also a fumigating room and a grafting room. The Nursery force made the concrete blocks and built the cellar under the direction of a carpenter.

For the last two terms Mr. Day was Treasurer of the State of Ohio, his term expiring January 10th last. Last year he was one of the candidates for the nomination for governor, but lost out in the primaries. He has had an active career. Born in Fremont in 1871 he was graduated from Fremont High School in 1889 and pursued a special course in Oberlin College in 1896. For eight years he served in the U. S. Railway Mail Service. He was deputy postmaster in Fremont 1904-1908 and in 1918-1922 he served two terms as mayor of Fremont, the first republican elected to that office in 20 years. His majority for state treasurer for second term was 5500 in his own county, normally Democratic. He has long been active in party work and in civic and business enterprises. He is president of the Mid-West Mortgage Company of Columbus, the Fremont Rifle Club and the Sandusky County Republican Club. He is a director of the Citizens Saving & Loan Company of Fremont and the Catawba Orchard Company of Catawba Island, a 600 acre orcharding proposition. He is a member of the Columbus Exchange Club, the Issac Walton League, the Forest City Hunting Club, the Buckeye Republican Club, the Sandusky County Automobile Club, the Ohio Horticultural Society and other organizations.

BLOCK OF GRAPE VINES, MAPLE BEND NURSERY
T. B. West & Sons, Perry, O.

At Perry, O.

T. B. West & Sons, Perry, O., one of the long-established Nurseries in the Lake County district, has been doing business for the last thirty-five years. It is well known all over the country and stands among the highest in this region, which is noted for having the best Nurseries in the world.

T. B. West & Sons have for years made a specialty of supplying stock for commercial orchards and many of the largest and best orchards in the East and Middle West are from their stock. Also, hundreds of thousands of the grape vines that are planted throughout Ohio, Pennsylvania, and Western New York, one of the largest and home county. He served for some Nursery. Millions of small fruit plants, planted in these fruit belts, also came from this source.

Aside from fruit trees, grape roots, and small fruit plants, this farm produces many thousands of roses. Their rose blocks are recognized as among the best in the country, growing as they do thousands of hybrid perpetuals, hybrid teas, and climbers. These, with the large acreage of hardy shrubs, vines, and herbaceous plants, together with thousands of shade and ornamental trees and evergreens, go to make a well-balanced Nursery.

T. B. West, the head of this firm, has for many years, been a member of the American Association of Nurserymen, having served for some years on the executive committee. He is also a member of the Ohio State Nurserymen's Association, of which he was formerly president and is now a member of the executive committee. He is active in all good work in his state and home county . He served for some years on the Ohio State Board of Agriculture, and has been on nearly all committees for community welfare or of local interest in his town and county. Few, indeed, are the movements for betterment in Lake County, for the last twenty-five years, but Tom West has been in some way connected and often at their head.

The other members of the firm, James H. West and Thomas Edward West, have grown up with the business and have learned by practical experience and hard work to overcome some of the complications and difficulties of the nursery business and they, like their father, are deeply interested in community life.

INSIDE VIEW OF STORAGE CELLAR, FREMONT, O., NURSERY

One side is used to heel trees in the ground; the other side to stall them up. Thus the few smaller varieties, not enough to stall, can be reached easily

Contracting Nurserymen Organize

W. A. Natorp, Cincinnati, reports the organization of an "Association of Contracting Nurserymen at Greater Cincinnati," with the following officers: Pres., W. A. Natorp; vice-pres., C. E. Kern; secy-treas., E. D. Smith.

The aims of the organization are:

1. To better the Nursery profession in and around Cincinnati.
2. Through advertising to create a greater demand for Nursery stock.
3. Uphold the code of ethics.
4. Work out a scheme for use of better plants.

ARMSTRONG'S
Select Lining Out Stock

Order direct from this list. Plants ready for immediate shipment. Unless listed in pots plants will be shipped bare root, packed in moss, and we guarantee them to go anywhere in the United States in the best of condition. Terms 60 days net if credit is established or cash before shipment less 2%. No packing charge.

CONIFEROUS EVERGREENS

All grown from cuttings, heavy and uniform. 25 of a variety at 100 rate; 500 at 1000 rate.

	100	1000
Cryptomeria japonica elegans (Plume Cypress) 12-15 in., once transplanted	$10.00	$ 90.00
Cupressus sempervirens (Italian Cypress) 8-12 in., once transplanted	12.00	110.00
Chamaecyparis laws. alumi (Blue Lawson) 6-8 in., once transplanted	12.00	110.00
laws. Fraseri 6-8 in., in 2½ in. pots	15.00	
laws. pendula (Weeping Lawson) 6-8 in., once transplanted	15.00	140.00
Juniperus californica (California Juniper) 4-6 in., in 2½ in. pots	15.00	
chinensis Pfitzeriana (Pfitzers Juniper) 6-8 in., once transplanted	16.00	150.00
chinensis procumbens (Trailing Chinese Jun.) 3-5 in., once transplanted	16.00	150.00
chinensis japonica (Creeping Juniper) 4-6 in., once transplanted	16.00	150.00
communis (Common Juniper) 8-10 in., once transplanted	12.00	110.00
communis depressa (Prostrate Juniper) 6-8 in., once transplanted	12.00	110.00
excelsa stricta (Greek Juniper) 4-6 in., once transplanted	15.00	140.00
hibernica (Irish Juniper) 4-6 in., once transplanted	12.00	110.00
sabina (Savin Juniper) 4-6 in., once transplanted	16.00	150.00
sabina tamariscifolia (Creeping Savin Jun.) 3-5 in., once transplanted	16.00	150.00
virginia tripartita (Fountain Juniper) 5-7 in., once transplanted	15.00	140.00
Podocarpus elongatus (Fern Pine) 4-6 in., in 2½ in. pots	12.00	110.00
Retinispora leptoclada (Andeley Retinispora) 6-8 in., once transplanted	10.00	90.00
plumosa (Plume Retinispora) 5-7 in., once transplanted	10.00	90.00
squarrosa (Moss Retinispora) 5-7 in., once transplanted	10.00	90.00
Taxus baccata (English Yew) 4-6 in., in 2½ in. pots	25.00	225.00
baccata erecta (Erect English Yew) 6-8 in., in 2½ in. pots	25.00	225.00
baccata Washingtoni (Golden Washington) 4-6 in., in 2½ in. pots	25.00	225.00
Thuja occ. pyramidalis (Pyramidal Arborvitae) 6-8 in., in 2½ in. pots	12.00	110.00
occ. globosa (Globe Arborvitae) 3-5 in., in 3 in. pots	16.00	
orientalis compacta (Chinese Arborvitae) 5-7 in., once transplanted	12.00	110.00
Thuja orientalis (Bakers Pyramidal) 6-8 in., once transplanted	15.00	140.00
orientalis meldensis (Blue-green Arb.) 6-8 in., once transplanted	12.00	110.00
orientalis pyramidalis (Chinese Pyramidal Arb.) 5-7 in., once transplanted	15.00	140.00
Rosedale 6-8 in., once transplanted	10.00	90.00

EVERGREEN SEEDLINGS

Plants marked x are once transplanted, with a well developed root system.

	100	1000
Cedrus deodara (Deodar), 4-6 in.	$10.00	$ 90.00
Cupressus arizonica (Arizona Cypress), 8-12 in.	x 4.00	35.00
Cupressus macrocarpa (Monterey Cyp.), 8-10 in.	x 2.75	25.00
Cupressus sempervirens (Italian Cyp.) 8-12 in.	x 4.00	35.00
Libocedrus decurrens (Incense Cedar), 6-8 in., (2½ in. pots)	x 8.00	75.00
Retinispora obtusa (Hinoki Cypress), 3-5 in.	x 5.00	45.00
Thuja occidentalis (Amer. Arborvitae), 8-12 in.	x 5.00	45.00
Thuja orientalis (Chinese Arborvitae), 6-8 in.	x 4.00	35.00

MISCELLANEOUS EVERGREENS

All transplanted heavy stocks.

	100	1000
Abelia grandiflora, 6-8 in., in 2½ in. pots	$10.00	$ 90.00
Berberis darwini, 6-8 in., in 2½ in. pots	10.00	90.00
Buxus japonica, 8-10 in., in flats	6.00	50.00
Buxus japonica, 3-5 in., in flats	5.00	40.00
Buxus sempervirens, 6-8 in., in flats	8.00	75.00
Buxus semp. suffruticosa, 3-5 in., in flats	10.00	90.00
Buddleia asiatica, 12-15 in., in 3 in. pots	10.00	90.00
Buddleia superba, 12-15 in., in 3 in. pots	10.00	90.00
Cotoneaster acuminata, 10-12 in., in 2½ in. pots	10.00	90.00
Cotoneaster buxifolia, 8-10 in., in 2½ in. pots	10.00	90.00
Cotoneaster horizontalis, 8-12 in., in 2½ in pots	10.00	90.00
Cotoneaster microphylla, 8-10 in., in flats	10.00	90.00
Cotoneaster thymifolia, 6-8 in., in 2½ in. pots	10.00	90.00
Cotoneaster pannosa, 6-8 in., in 2½ in. pots	10.00	90.00
Elaegnus pungens reflexa, in 2½ in pots	15.00	140.00
Elaegnus pungens var., in 2½ in. pots	15.00	140.00
Euonymus japonica, 8-12 in., in flats	5.00	45.00
Euonymus japonica arg. var., 6-8 in., in flats	5.00	45.00
Euonymus japonica aureo-marg., 5-7 in., in flats	6.00	50.00
Euonymus japonica aureo-var., 8-12 in., in flats	6.00	50.00
Euonymus japonica microphylla, 5-7 in., in flats	5.00	45.00
Euonymus erecta compacta, 10-12 in., in flats	5.00	45.00
Genista canariensis, in 2½ in. pots	8.00	75.00
Genista hispanica, 8-12 in., in 2½ in. pots	8.00	75.00
Genista racemosa, 8-12 in., in 2½ in. pots	10.00	90.00
Hypericum Moserianum, 4-6 in., in 2½ in. pots	8.00	75.00
Laurocerasus caroliniana, 4-6 in., in 2½ in. pots	12.00	110.00
Myrtus communis, 8-12 in., in flats	4.50	40.00
Myrtus Communis var., 4-6 in., in flats	5.00	45.00
Myrtus Communis compacta, 4-6 in., in flats	8.00	75.00
Nandina Domestica, 4-6 in., in flats	12.00	110.00
Pittosporum Tobira, 4-6 in., in flats	5.00	45.00
Pyracantha Angustifolia, 6-8 in., in flats	10.00	90.00
Pyracantha crenulata, 3-5 in., (Seedlings) in flats	6.00	50.00
Pyracantha Lalandi, 10-12 in., in flats	10.00	90.00
Pyracantha yunnanensis, 10-12 in., in flats	10.00	90.00
Virburnum Tinus, 6-8 in., in flats	4.50	40.00

We guarantee your dealings with us to be entirely satisfactory to you.

Armstrong Nurseries

408 North Euclid Avenue
Ontario, California

Commercial Fertilizers Improved

In 1926, commercial fertilizers contained more plant food than at any time in the history of the fertilizer industry, there were more high-grade fertilizers on the market and fewer low-grade mixtures than ever before, and the retail price was more favorable than since the pre-war days of 1914. This information and much more about the status of commercial fertilizers is contained in a new bulletin prepared by Dr. L. L. Van Slyke, chemist at the New York State Experiment Station, Geneva. The bulletin is available for free distribution to anyone interested in fertilizers. The total amount of plant food in complete fetrilizers reached a new high mark in 1926 with 18.1%, says Dr. Van Slyke.

A beautiful yew tree owned by Clarence Hicks of Port Royal, Va., has been bought for $1,000 by the St. Alban's guild of Washington and taken to Washington to be planted on the grounds of the National cathedral where President Woodrow Wilson is buried.

Praise for Pomeroy English Walnut

In a recent issue of the Rural New Yorker, Mr. Collingwood, the editor, has an article on "The Raising of English Walnuts." Among other things, he writes: "Our Star Performer this year is a Pomeroy English Walnut." . . . "If a farmer had several acres of these trees such as mine, he would enjoy an income greater than he could hope to get from an apple orchard this year." The Pomeroy English walnut is grown in Lockport, N. Y., at the Nursery of Albert C. Pomeroy.

Live Plants to Russia

The postal administration of the Union of Socialistic Soviet Republics has advised that parcels containing live plants addressed to that country should be accompanied by phylloxers certificates visaed by a representative of the United States Department of Agriculture, and that parcels accompanied by certificates not visaed will not be admitted, but will be returned to the office of origin.

California State Parks Program

A comprehensive state parks program, which will realize the full value of California's scenic and recreational assets, has been arranged through the introduction of three bills in the California State Legislature by Senator Arthur H. Breed. Creation of a central State Park Commission to administer all parks; the carrying out of a comprehensive state park survey from which a park plan for the state can be developed; and a $6,000,000 bond issue to be matched with an equal amount from private gift and other sources, make up this program. These measures are being supported by the California State Parks Committee, of which Duncan McDuffie of Berkeley is chairman, representing many California organizations interested in conservation, recreation and outdoor life.

State to Supply Memorial Trees—In an effort to further the work of establishing "Roads of Remembrance," the Pennsylvania State Department of Forests and Waters will furnish trees for memorial plantings.

AMERICAN NURSERYMAN

American Nursery Trade Bulletin

CHIEF EXPONENT OF THE AMERICAN NURSERY TRADE

Featuring the Nursery Trade and Planting News of American and foreign activities as they affect American conditions. Fostering individual and associated effort for the advancement of the Nursery and Planting Industry.

Absolutely independent.

Published Semi-Monthly by
AMERICAN FRUITS PUBLISHING CO., INC.
39 State Street, Rochester, N. Y.

RALPH T. OLCOTT, Pres. and Treas.
Phones:—Main 5728. Glenwood 760
Chief International Publication of the Kind

SUBSCRIPTION RATES

One Year, in advance	$2.50
To Foreign Countries and Canada	3.00
Single Copies	.20

ADVERTISING RATE, Per Inch.....$2.80

Advertisements should reach this office by the 8th and 25th of the month previous to the date of publication.

If proof of advertisement is desired, time should be allowed for round trip transmission.

ROCHESTER, N. Y., MARCH 1, 1927

FOUNDER OF AMERICAN NURSERY TRADE JOURNALISM

THE FIRST Nursery trade paper in America was established in 1893, as long-time Nursery concerns know, and for nearly thirteen years was conducted under the personal and exclusive direction of Ralph T. Olcott, of Rochester, N. Y., who later founded the AMERICAN NURSERYMAN on broad and unrammeled lines.

"The dean of Nursery Trade Journalists."—John Watson.

IMPORTANCE OF THE TRADE PRESS

In a recent address to men connected with the press, President Coolidge said:

"Whatever has to do with the collection and transmission of information to the public is of the highest importance. It is gratifying to know that this great service to America is in the hands of men of ability and patriotism.

"There is a universal desire to serve the public in this capacity, not only interestingly, but candidly and helpfully. The fundamental institutions of our government scarcely ever fail to receive cordial support. The moral standards of society are strengthened and the intellectual vigor of the nation is increased and quickened by your constant efforts.

"The press is also an important factor in the commercial and industrial development of our country. It carries an amount of scientific information which stimulates both the production and consumption of all kinds of commodities.

"This service is always on the constructive side of affairs, encouraging men to think better, to do better and to live better. Reaching through it all, there is every assurance that today is better than yesterday, that tomorrow will be a better day than today, and that faith is justified."

The "American Nurseryman" is highly indorsed individually and collectively by the American Association of Nurserymen and by more than a score of district and state trade associations in the United States and Canada.

The Mirror of the Trade

THE NURSERYMEN'S SECRET

While the American Association of Nurserymen is doing practically nothing to extend the market demand for Nursery stock, the craving for information which would lead to greater demand is expressed in public print. One of the Chicago newspapers, the Tribune of Feb. 12th, has discovered a secret of the Illinois Nurserymen's Association and wishes the world might be let in on it. We have little doubt that the Illinois association will take steps to do just that. The Tribune says editorially under the heading "Trees":

Members of the Illinois State Nurserymen's Association reminded one another at their recent convention in Chicago that trees and shrubs planted along the streets of Chicago add greatly to the city's beauty. To these men in the tree and shrub trade the information could hardly have been startling. It is their busines to know it. We wish they could have discovered some way to let the rest of the world in on their secret.

Even these days when the trees are bare, the street with trees has a charm which a treeless street cannot know. In the nature of things, our rectangular streets must tend to become monotonous. Only too often the monotony is unrelieved by interest or variety in the buildings. The situation can be saved by the planting of trees. They have individuality. For some reasons which we do not understand, they will generally obscure the painful and accent the good in architecture. A street which would be repellent in the full blaze of the summer sun becomes, when lined with trees, an inviting retreat. Accordingly, trees may be counted upon to repay in increased property value what they cost to set out.

Trees also moderate heat and make for health and comfort.

No one need hesitate to plant trees in the city for fear they will not thrive in the factory-made atmosphere. Varieties have been developed which do well in Chicago. Property owners will find that this is a good time of the year to consult a Nurseryman about their problems. The tree man has plenty of time, now, to discuss varieties suitable for a given neighborhood and to advise when will be the best time of the year to plant.

The secretiveness of Nursery trade associations on matters which it would be directly to the interest of the Nursery trade to make public is of long standing. Time and again the **American Nurseryman** has argued for making public certain action by trade organizations; as, for instance, the adoption of a code of ethics, the raising of a fund for endeavoring to ascertain cause of and remedy for root gall, standards for Nursery stock sizes and character, disposition of cases of violation of good business practice, and a long line of suggestions to planters of Nursery stock, including the one referred to by the Chicago Tribune.

It is the irony of fate that the criticism implied in the Chicago newspaper editorial should hit the Illinois Nurserymen's Association which of all Nursery trade associations has done most to let its light shine outside of as well as within the trade, having presented for years annual convention programs made up almost entirely of addresses by outsiders and with open doors, daily press reporters being especially invited. Perhaps this is just the condition under which at last a newspaper has learned a "secret."

American Horticultural Society has elected F. L. Mulford president and D. Victor Lumsden, secretary, both of Washington, D. C. Joseph J. Lane, New York City, is a director.

BOSTON FOR A. A. N. IN 1929

New England is out for the 1929 convention of the American Association of Nurserymen, it being expected that the A.A.N. members will decide upon a western point for the 1928 convention.

The subject was brought up at the recent convention of the New England association by Mr. Wyman, delegate to the national convention. As no interest in the matter was expressed at the outset, the subject was about to be passed over by President McCartney when Harlan P. Kelsey expressed surprise that the question of procuring either the 1928 or 1929 national convention for Boston did not arouse general and immediate interest on the part of the New Englanders.

"Why," said he, "when the convention of the national association was last held in Boston the Nurserymen from all over the country expressed special pleasure therein and declared that it was one of the best meetings in the history of the organization. Many hoped that another national convention would be held in Boston in the near future. Now if the Nurserymen of New England want another convention of the national association they must get busy. There are marked advantages in having the convention in Boston. It will cost the New England members some money and provision should be made."

Mr. Kelsey was asked if a fund of $3,000 would be sufficient. "Absolutely not," he said. "The amount should be at least $5,000. And that amount can be raised at once." Deferring action and referring the matter to a committee were proposed, but Mr. Kelsey said:

"If you want to shelve the whole thing, putting off action on raising the fund is the way to do it. If you do not want the national convention then let us formally dispose of the matter right now."

Mr. Wyman and others expressed special interest in endeavoring to procure the convention and when Mr. Kelsey proposed that a fund be raised immediately Mr. Wyman subscribed $1000 amid cheers. Subscriptions of $500, $250, $100 were made in rapid succession and in a short time a fund in excess of $5,000 had been provided. Then, as prominent Nursery concerns of New England were not represented at the session and in order to give them opportunity to contribute, it was decided to fix the amount of the fund at $10,000 which Mr. Kelsey said would readily be provided. The delegate to the Cleveland convention in June will report accordingly and will present a strong invitation to the American Association to meet in Boston either next year or the year after. An invitation with the backing of a $10,000 fund for expenses will be something of a novelty in convention place invitations.

M. G. Mitchell, secretary Mitchell Nursery Co., Tacoma, Wash., has suggested to a prominent resident of Olympia, Wash., that the daffodil be designated as the community flower of that city. Portland, Ore., is nationally known as the Rose City, Bellingham, Wash., as the Tulip City, greatly to their advantage. Similiarly Rochester, N. Y., the Flower City.

"Under the methods of the present day it would seem to be more appropriate to say that advertising (rather than competition) is the life of trade."—President Calvin Coolidge.

THE ROUND TABLE

Comment and Suggestion
By Readers For the
PROGRESS OF THE INDUSTRY

Thuya Aurea Beverlyensis

Editor American Nurseryman:

While making survey of Nursery conditions on the Pacific Coast recently the Pyramidalis Thuya, Aurea Beverlyensis, an introduction of merit which has passed through an eight year test period, was brought to my attention and observation.

The following information concerning this beautiful Thuya was given by T. D. Chenoweth, business manager of the Beverly Hills Nurseries and J. A. Armstrong, of the Armstrong Nurseries:

This grand Golden thuya is a sport of the Thuya orientalis discovered in a block of young thuyas in the Beverly Hills Nurseries, Beverly Hills, California, from which it takes its name. In 1919 the superintendent, J. J. Reeves, in looking over this block noticed a golden sport in the dark green foliage of one of the Thuya orientalis. From this sport eleven grafts were made, six of which are growing in the fields of the Beverly Hills Nurseries getting more beautiful as the years go by.

This is the most beautiful of all thuyas. It forms a tall, dense, symmetrical pyramid, every branchlet growing upright, and all of the small branches and tips are bright, golden in color, the inside foliage being a pleasing bright green.

Unlike many other thuyas this variety does not burn in the hottest sun, nor does it sweat inside leaving dead, brown foliage. It stands the hot, dry winds of the South without being damaged in the least and it is quite hardy, although it has not been thoroughly tried out in all northern sections.

To test its resistance to burning and sweating, the Beverly Hills Nursery soaked it with water on some of the hottest and driest days and they have found that it comes through without a flaw.

Nurserymen have found that this variety is a little more difficult to propagate than many other thuyas, because it does not seed and must be either grafted or grown from cuttings. If handled properly, cuttings are most successful, but the proper climatic conditions free from fogs or moisture must be had to insure a successful stand of cuttings. The plants may be grafted on Thuya orientalis or Thuya occidentalis.

Both the Beverly Hills Nurseries, Beverly Hills, Cal., and Armstrong Nurseries, Ontario, Cal., have grown this thuya with marked success and have an excellent supply of large and small plants to meet the demand for this variety which is becoming increasingly popular.

C. A. TONNESON.

Burton, Wash., Feb. 19, 1927.

Ontario Horticultural Society

Ontario Horticultural Society in session in Toronto listened, Feb. 17-18 to addresses as follows: "Value of Evergreens for Landscape Effects," by Prof. A. H. Tomlinson, Guelph; "Roses," by J. H. Moore; "Hybridizing Experiments," by J. W. Crow; "Canadian Grown Stock," by C. H. K. Baillie; "Inspection of Nursery Stock," by A. Gibson, Ottawa; "Gladiolus," by F. L. Drayton.

The Society has 70,000 members.

Nursery Fumigation Declared Harmful

St. Catharines, Ont. Feb. 15.—Abolition of the regulation requiring the fumigation of Nursery stock, especially of young fruit trees, at importing points and at Canadian Nurseries, which has been in force for 26 years, was asked of the dominion and provincial authorities in a resolution passed at the annual meeting of the Niagara Peninsula Fruit Growers' Association here. It was stated that fumigation was harmful to the trees, even killing many, and was not necessary in these days of adequate pest control in orchards.

Locke Nursery and Floral Co., New Braunfels, Tex., is in new offices and has a new packing house. Its business last year was 25% better than in 1925.

Cortland Apple

Dr. U. P. Hedrick in Rural New Yorker

In the January number of the Country Gentleman Prof. R. E. Loree, specialist in small fruits, Michigan State College, writes that the Cortland apple "as grown in Michigan and certain other sections where the McIntosh can be successfully grown is disappointing;" and that "it may be questioned if its quality can be considered much better than a slightly improved Ben Davis." The article has come to the attention of fruit growers all over the United States, many of whom having planted the Cortland are uncertain as to whether or not they planted wisely.

I write to assure fruit growers who have planted Cortland in regions where McIntosh succeeds, or those who contemplate planting it, that they need have no fear of disappointment in the new variety.

Cortland was fruited on the grounds of this station 10 years before trees were offered for sale. During this period of probation, hundreds of experienced fruit growers compared it with McIntosh, and pronounced it equal or superior in quality and appearance to that variety. Meanwhile it was being tested in the apple regions of the country, and was then distributed by the New York State Fruit Testing Association to 1,100 members in every apple growing section in the United States, in most of which it is now in bearing, and no member of this testing association has reported unfavorably on the new variety.

Cortland was awarded the Wilder Medal three years ago by the American Pomological Society as the best new apple, an award made by judges who must have taken quality into consideration. At the last meeting of this society at Grand Rapids in December, 1926, Cortland was one of a collection of new fruits from this station to win another Wilder Medal. At this meeting in Grand Rapids, Cortland was sampled by a score or more of fruit growers from several states, and specimens grown in Michigan and New York were pronounced "better in quality," or "as good," or "nearly as good," as the McIntosh, opinions differing with the tastes of individuals. Those who like a mild apple preferred the McIntosh; those who like refreshing tartness, the Cortland. Both have the delectable aromatic taste found in apples of the McIntosh type. Growers in New York who have begun to market the Cortland find that early in the season it sells as well as McIntosh, and that after the first of January it sells better, for in quality it is then markedly better.

Cortland is a splendid apple in fruit and tree, and will be grown commercially in every apple region in America where McIntosh succeeds. It, of all apples, promises best to fill the place of Baldwin, Spy and other winter apples, the popularity of which as commercial sorts, as shown by market reports, is on the wane. The tree is equal to that of McIntosh in every character; the fruits are as attractive and as high in quality as those of the McIntosh, but Cortland is a better commercial variety than McIntosh because the fruits hang on the tree longer, keep later, and ship better.

I end as I begin by assuring those who have planted the Cortland that they have no reason to fear that the apple will not hold its own with McIntosh, now, in market value, at the head of commercial varieties of apples grown in America. I write this strong commendation of the Cortland deliberately, out of the full knowledge of it, with special regard to the fruit regions in which its planting is recommended, and out of considerable experience in testing apples.

Mid-West Nut Growers Association, recently formed to promote the planting of propagated nut trees is officered as follows: President, R. B. Endicott, Villa Ridge, Ill.; vice-president, J. Ford Wilkinson, Rockport, Ind.; secretary, S. B. Scott, Rockport, Ind.; treasurer, O. H. Casper, Anna, Ill.

Both Houses of Congress Pass National Arboretum Bill

The national Arboretum bill was passed by the House of Representatives Feb. 19th by an overwhelming vote. Both houses of Congress have now acted, the Senate passing the bill last May. Chairman Pyle of the Nurserymen's committee worked to the last day for it.

Having on February 8th, received wire from Harlan P. Kelsey, attending meeting of Southern Appalachian National Commission at the Interior Department, Washington, and his telegram stating that the Arboretum Bill would come to a vote soon, Chairman Robert Pyle of the A. A. N. committee on the bill, sent telegrams requesting support from their representatives to Messrs. Ilgenfritz, Welch, May, Roeding, Wiggins, Stark, Lindley and Hillenmeyer.

On the 14th inst. upon having been advised that the National Arboretum bill would be made a special rule on Friday, the 18th, the following telegram was sent to 199 members of the Association, in practically every state of the Union

"Please wire your Congressmen work vote for National Arboretum Bill on House schedule this Friday."

Chairman Pyle felt that some good might be done by his attendance in Washington Friday and, therefore, called first on Congressman Luce, who indicated that the prospect for passage was favorable, but that in legislative needs it is wise to take every possible precaution. He next consulted Mr. Haugen, sponsor of the McNary-Haugen Farm Relief Bill, who spoke with full confidence of the bill passing even though he had heard that Mr. Kincheloe of Kentucky, and Jones of Texas intended to fight it.

Since Kentucky is one hour later and Texas two hours later than Washington, Mr. Pyle at once wired Walter Hillenmeyer of Lexington, Ky., and Baker Bros. of Fort Worth, Texas, and Griffings Nurseries, Beaumont, Texas, to communicate at once with Kincheloe and Jones respectively.

It was learned from the office of Mr. Tilson of Connecticut, Republican leader of the House that the Arboretum Bill would come up directly after two conference matters, Congress convening at 12 noon.

After roll call there were present perhaps 250 out of 455 members of the House. The House then agreed to adopt the rule to limit the debate to two hours and resolved into the committee of the whole, and with unanimous consent, dispensed with reading the bill. Speaker Longworth retired and left the representative from Iowa in the chair, when Mr. Luce was allowed ten minutes to speak in favor of the bill. Mr. Luce described the site and present owners of same, including Mount Hamilton and Hickey Hill, and indicated that present holders will be compelled to sell if Congress does not act at this session. He described size and varieties of soils and made a strong plea, of the need of this land for the Department of Agriculture, which desires an open air laboratory. He was granted and used an extension of his time.

The representative from Nebraska, formerly Secretary to William Jennings Bryan, wanted to know who was going to pay for it. Mr. Luce continued to present the economic importance of the project and "to lose the opportunity at this time would be an irreparable calamity." Succeeding Mr.Luce, Mr. Ketchum of Michigan continued with another 10 minutes to elaborate the economic advantages of the bill, referring to its importance as a bureau of standards for horticulture, and also to the industry of paper making, which was important to his constituents of Kalamazoo, Mich., where they shipped a carload of paper a day. He described the hearing of the Agriculture Committee, when the Nurserymen had been strongly represented, and indicated that the cost seemed moderate when advantages were considered. He read a letter of indorsement from the United States Chamber of Commerce. At 4:55 the House adjourned without vote, with the bill the first order of business when the House convened at Saturday noon.

EVERGREENS FOR LINING OUT

Better Stands from Your Standpoint

In a time when so much secondary stock is being put on the market by inexperienced growers, it is more than ever important to know your source of supply. Get this Lining-Out Stock, backed by 28 years' experience with pot grown plants for growing on. Convince yourself that here are **plants rooted right, plants that will perform for you, plants that will give you the most for money!** Order today for Spring delivery.

Twice transplanted; set out from 2¼" pots and growing in the fields since May 1926
Prices subject to change without notice

	100	1000
Juniperus Chinensis Pfitzeriana	25.00	225.00
Juniperus Communis Suecica (Swedish Juniper)	25.00	225.00
Juniperus Sabina Tamariscifolia (Tamarix Savin)	25.00	225.00
Ret. Pis. Filifera (Thread Retinospora)	20.00	180.00
Ret. Obtusa Compacta	30.00	275.00
Ret. Obtusa Gracilis (Slender Hinoki Cypress)	30.00	275.00
Ret. Pl. Lutescens (Globe form)	20.00	180.00
Ret. Pisifera Aurea (Golden Sawara Retinospora)	20.00	180.00
Ret. Pis. Plumosa (Plume Retinospora)	20.00	180.00
Ret. Squarrosa Veitchii (Moss Retinospora)	25.00	225.00
Thuja Occ. Compacta (Parsons Arborvitae)	20.00	180.00
Thuja Occ. Pumila (Green Globe Arborvitae)	20.00	180.00
Thuja Occ. Siberica	20.00	180.00
Thuja Occ. Vervaeneana (Vervaene Arborvitae)	20.00	180.00
Thuja Occ. Vervaeneana Variegata	20.00	180.00

Once transplanted; growing in 2¼" pots since early Summer 1926.

	100	1000
Chamaecyparis Lawsoniana Triomphe de Boskoop (Triomphe de de Boskoop Cypress)	$25.00	$225.00
Ilex Crenata (Japanese Holly)	12.00	100.00
Ret. Pis. Filifera (Thread Retinospora)	12.00	100.00
Ret. Pisifera (Sawara Retinospora)	12.00	100.00
Ret. Pisifera Aurea (Golden Sawara Retinospora)	12.00	100.00
Ret. Pis. Plumosa (Plume Retinospora)	10.00	90.00
Ret. Pis. Plumosa Aurea (Golden Plume Retinospora)	10.00	90.00
Ret. Squarrosa Veitchii (Moss Retinospora)	15.00	130.00
Thuja Occ. Pyramidalis (American Pyramidal Arbor.)	12.00	100.00
Thuja Occ. Siberica	12.00	100.00
Thuja Occ. Vervaeneana (Vervaene Arborvitae)	10.00	90.00
Thuja Occ. Vervaeneana Variegata	10.00	90.00

Prices f. o. b. West Grove; 250 at 1000 rate

Did You Receive the New March Bulletin?

If You Didn't Get it, Write Us!

THE CONARD-PYLE COMPANY

ROBERT PYLE, President **WEST GROVE, PA.**

Noted for Quality and Novelties ever since 1897

Southern Nursery Company

The Southern Nursery and Landscape Company, Winchester, Tenn., organized with an authorized capital stock of $25,000, has bought the business of the Southern Nursery Company, which is being liquidated by E. W. Chattin. The president of the new company is H. M. Templeton, Ed. Chattin is vice-president and John H. Chattin secretary-treasurer. Other incorporators are J. B. Templeton and Dick Taylor.

Approximately 50 acres of land, says the Winchester Chronicle, have been transferred by the Southern Nursery Company to the new organization, which includes the greenhouses and packing sheds on the Belvidere Road and about 20 acres of land. It also includes about 30 acres on the Cowan Road on which is situated another of the big packing sheds and barns.

Approximately 500 acres of farm land owned by the Southern Nursery Company were not included in the sale to the new organization, according to H. M. Templeton.

Plans are now being made for the erection of offices on the Cowan Road property, Mr. Templeton said.

All the affairs of the Southern Nursery Company, it is believed, will have been liquidated by April 1, when it will surrender its charter.

An Unduplicated Guaranty

Conard-Pyle Co.'s 1927 catalogue of 100 pages is, as usual with the catalogues of this well-known West Grove, Pa., concern, especially attractive by reason of the illustrations in color of the specialty roses, beautiful reproductions of the varieties, Rev. F. Page-Roberts and Souvenir de Georges Pernet adorning the front and back cover pages. Arrangement of the catalogue is clearly shown in an index on page 3. There is a rose index and a general index. Four pages are devoted to an account by the president, Robert Pyle, of his experience during three decades as a producer of fine roses and of the conduct of the business. It is an interesting account alike to those who know Mr. Pyle and to those who may learn to know him through perusal of these pages. His cherished contact with noted rosarians has been exceptional. He is widely known as the tireless secretary of the American Rose Society.

Of the company's guaranty Mr. Pyle says: "Though imitated it is unduplicated: We guarantee Star roses to bloom the first natural blooming period after planting, or you may have your money back." The company publishes in the spring this 100-page Star Guide to Good Roses and in the fall a 32-page Guide to Good Roses, Bulbs and Perennials.

For Ohio Development

A strong effort is being made by Nurserymen and horticulturists generally in Ohio to develop a stronger horticultural department at Ohio State University. Facilities for Nursery instruction and the construction of a propagating house for experimental work are sought. Recently there was sent to Nurserymen and horticulturists throughout the state an appeal for co-operative effort to secure these additional facilities, in which this information was presented:

In comparison with the department of horticulture in other colleges, that at Ohio State College is seriously handicapped. Fruit growing, vegetable gardening, floriculture, and Nursery work have not been developed in proportion to their importance.

We desire to submit the following program to the finance committee of the State Legislature:

First: $10,000 each year to pay the salaries for specialists in vegetables and flowers, who shall visit the growers and assist in solving their problems.

Second: $25,000 each year to be used for providing adequate instruction at the University in fruit, vegetable, flower, and Nursery work.

Third: $60,000 to be used for the construction of greenhouses adapted to the growing of horticultural crops. One section to be used for Nursery work, two sections each for flowers and for vegetables.

We need your help.

The appeal is signed by Howard N. Scarff, New Carlisle, representing the Ohio State Nurserymen's Association, and by representatives of other horticultural organizations of the state.

There are 400 Nurseries in Ohio, it is said, with an acreage of 6,000. The value of Nursery products of the state is $1,286,000. Ohio, it is declared, ranks first in Nursery products among the states east of the Rocky Mountains.

The value of horticultural crops of Ohio amounts to 10% of the total value of all farm crops. Commercial apple crop of Ohio in 1926 amounted to 3,000,000 bushels. There are 2759 apple orchards with acreage of 6769. There are 6,000 acres of grapes producing an average annual crop of 5,728,000 pounds. Florist products are valued at $8,000,000 annually.

There is no small fruit plantation at Ohio State University and inadequate orchards. No graduate school in any line of horticulture. Ohio State University has 15,000 square feet greenhouse space. University of Illinois has 35,000 square feet and Purdue University 21,600 square feet.

W. B. Cole, president of the Cole Nursery Co., Painesville, O., writes to Secretary Scarff of the Ohio Nurserymen's Association:

"We are in hearty accord with the effort by Ohio State University to secure funds for a department of horticulture, including fruit growing, vegetable gardening, floriculture and Nursery work.

"The unexpected interest shown in the four-day Nursery schools which are being held throughout the state by Professor Hottes certainly indicates that if there was a department at Ohio State University where Nursery work and practices were taught, a great many young men who are planning on taking up the Nursery business would surely avail themselves of such an opportunity."

PLATE BOOKS

Salesmen send for catalog describing shrub and perennial compact folders and famous landscape plate book.

B. F. CONIGISKY

Hamilton Street **Peoria, Illinois**

CALIFORNIA PRIVET

18 to 24 in., 2 to 3 ft., 3 to 5 canes, 3 to 3½, 4 to 8 canes; strong roots. Prices in favor of buyer, sample by mail if desired.

J. S. BARNHART, Beltsville, Md.

When writing to advertisers just mention American Nurseryman.

TRADE ASSOCIATIONS

American Association of Nurserymen—Charles Sizemore, secy., Louisiana, Mo.; 1927 Convention, Cleveland, O., June 22-24.

Alabama Nurserymen's Association—Dr. F. T. Nye, Secy., Irvington.

Arkansas Nurserymen's Ass'n.—J. E. Britt, Secy., Bentonville.

California Assn. of Nurserymen—John A. Armstrong, Jr., Secy., Ontario, Cal.

Connecticut Nurserymen's Association—A. E. St. John, Sec'y., Manchester; Summer meeting, Lake Compounce, Bristol.

Eastern Canada Nurserymen's Association—Chas. K. Baillie, Secy., Box 158, Welland, Ontario.

Eastern Nurserymen's Association—H. Lloyd Haupt, Secy., Hatboro, Pa.

Fruit and Flower Club of Western New York—Fred M. O'Brien, Geneva, Sec'y.

Illinois Nurserymen's Association—N. E. Averill, secy., Dundee, Ill.

Iowa Nurserymen's Association—R. S. Herrick, secy., State House, Des Moines, Ia.

Kansas Nurserymen's Association—James N. Farley, Sec'y., Topeka.

Kentucky Nurserymen's Association—Alvin Kidwell, Secy., St. Matthews.

Massachusetts Nurserymen's Association—Winthrop H. Thurlow, secy., West Newbury, Mass.

Michigan Association of Nurserymen—C. A. Krill, secy., Kalamazoo, March 17-18, 1927, Savoy Hotel, Detroit.

Minnesota Nurserymen's Association—W. T. Cowperthwaite, Secy., c/o Holm & Olson, St. Paul.

Missouri Nurserymen's Association—George H. Johnston, secy., Kansas City Nurs., Kansas City, Mo.

Nebraska Nurserymen's Association—Ernst Herminghaus, Secy., Lincoln.

New England Nurserymen's Association—W. N. Craig, Weymouth, Mass.

New Jersey Association of Nurserymen—John Marseille, secy., Wyckoff, N. J.

New York Nurserymen's Association—Charles J. Maloy, secy., Rochester, N. Y.

Northern Retail Nurserymen's Association—C. H. Andrews, secy., Faribault, Minn.,

Ohio Nurserymen's Association—Howard N. Scarff, sec'y., New Carlisle, O.

Oklahoma Nurserymen's Association—W. E. Rey, secy., Oklahoma City.

Pacific Coast Association of Nurserymen—C. A. Tonneson, secy., Burton, Wash. 1927 convention, Portland, Ore.

Pennsylvania Association of Nurserymen—Floyd S. Platt, secy., Morrisville, Pa.

Rocky Mountain Nurserymen's Assn.—C. Ferguson, Denver, Colo., secretary.

Rhode Island Nurserymen's Association—H. H. DeWildt, secy., 521 Elmwood Ave., Providence, R. I.

Rio Grande Valley Nurserymen's Assn.—H. L. Bonnycastle, secy., Mercedes, Tex.

South Dakota State Nurserymen's Association—J. B. Taylor, sec'y., Ipswich.

Southern Alabama Nurserymen's Ass'n.—W. H. Pollock, Irvington, Sec'y.

Southern Nurserymen's Association—W. C. Daniels, Secy., Pomona, N. C. Sept. 1927. Jacksonville, Fla.

South Texas Nurserymen's Assn.—W. R. McDaniel, Alvin, Tex., secy.

Southwestern Nurserymen's Association—Thomas B. Foster, Secy., Denton, Tex., 1927 convention, Galveston, Texas.

Tennessee Nurserymen's Association—Prof. G. M. Bentley, secy., Knoxville, Tenn.

Western Association of Nurserymen—George W. Holsinger, secy., Rosedale, Kan.

Western Canada Nurserymen's Association—T. A. Torgeson, secy., Estevan, Sask., Canada.

BUXUS SUFFRUTICOSA

Height		Across	Per 1000
6-8 in.	x	3-3½ in.	$200.00
6-8 in.	x	4-4½ in.	225.00
8-9 in.	x	5-5½ in.	250.00
9-11 in.	x	6-6½ in.	300.00
10-12 in.	x	7-8½ in.	400.00

Garden Nurseries, Narberth, Pa.

Pin Oak Seedlings

Let me have your order early for PIN OAK SEEDLINGS.
Also Cherry, 2-yr., and Asparagus, 3-yr.
Arthur L. Norton, Clarksville, Mo.

1927 Kelway's Old English

Refer to our 1927 Catalogue mailed to you. Did you receive your copy?

Many of these, for instance **Delphiniums,** should be obtained by all seedsmen and florists direct from the originators at Langport, or they are **not** the same thing. This should be remembered when you are offered Kelway's Delphiniums, Kelway's Calceolaria, Kelway's Gaillardis, Kelway's Cineraria, etc., etc., or similar strains under high sounding names, but not from Langport **direct.**
It is easy to invent other names for strains, but it does not make them any better, or even make them different or as good.
Apply to the originators and creators of fine modern improvements:

KELWAY & SON

LANGPORT. Seed Raisers (Wholesale) ENGLAND

LABELS FOR NURSERYMEN
THE BENJAMIN CHASE CO.,
DERRY, N. H.

CHARLES DETRICHE & SON NURSERIES
Henri Détriché, Successor, Angers, France
Growers and Exporters of Fruit Tree Stocks, Forest Tree Seedlings, Rose Stocks, Shrubs and Conifers for Nursery Planting.
For all information as to Stocks, Prices, Terms, Etc., address:
JACKSON & PERKINS CO. (Sole Agents) NEWARK, NEW YORK

THE ROSE FARM
Incorporated
White Plains, New York
High quality, field grown, budded ROSES

BOXWOOD
Young's Boxwood and Evergreens
FOR LINING OUT
My service and stock will please you.
Write for Wholesale Trade List
ROBERT C. YOUNG
Wholesale Nurseryman
GREENSBORO NORTH CAROLINA

FOREST NURSERY CO.
McMinnville, Tennessee
Established 1887
Large assortment general Line
Nursery Stock
FOREST TREES, SHADE TREES
SHRUBS, VINES, EVERGREENS
OUR USUAL LINE. Write for Trade List
WE would like to serve YOU

The Westminster Nursery
Westminster, Maryland
Offers in grades in quantities:
California and Amoor River North Privet, 1 and 2 year
Rhubarb, 1 and 2 year
Shrubbery, Evergreens and Lombardy Poplars
Prices Attractive. Mail Want List.

Fruit Trees
Apple, Pear, Cherry, Plum, Peach. Small Fruit Plants—Raspberries, Red and Black, Grape Vines. Shade Trees—European Sycamore, Catalpa, Bungei, Maples. Shrubs—Barberry Thunbergi, Privet, Hydrangea P. G., Spirea, Weigelia, etc. Roses—H. P's. Highest quality of stock graded to the highest standard. In the business a third of a century. Send us your Want Lists.
T. B. West & Sons.
Maple Bend Nursery Perry, Ohio

Fruit and Flower Plates
CATALOGUES—ENGRAVINGS
Plate Books, Folios, Maps, Stock Forms, Office Supplies, Circulars, Order Blanks, Price Lists.
United Litho & Printing Companies
228 South Avenue, Rochester, N. Y.

GRAPE VINES
I have left in storage the following varieties and grades of Concord and Niagara Grape Vines and can ship immediately:
CONCORD—25000 One Yr. No. 1; 20000 One Yr. No. 2. NIAGARA—1000 One Yr. No. 1; 1500 One Yr. No. 2; 500 Two Yr. No. 2; 700 Two Yr. No. 3.
F. G. SPODEN NURSERY, Fredonia, N. Y.

RELIABLE PECAN TREES
We offer selected Pecan Trees, produced by improved methods of careful bud selection which insure profitable results for the planter. All standard varieties. Make your reservations now. We grow other nursery stock, especially good budded and grafted Rose Bushes.
SUMMIT NURSERIES, Monticello, Florida

A DEPENDABLE DIGGER
at a reasonable price
Write for a descriptive circular and prices
"Yours for growing satisfaction"
NEOSHO NURSERIES, Neosho, Missouri

BIOTAS
We are offering the trade an assortment of biota orientalis ranging from 2 to 3 foot plants to 7 to 9 foot plants. We also have some exceptionally good Japanese privet, 3 to 4, and 4 to 5 feet, and some heavy shrubs. Ask for prices.
Cartwright Nurseries Collierville, Tenn.

PATENTS
I make a specialty of patents and trade marks. Protect and profit by your ideas. Full information and terms on request. Fifteen years' active practice before U. S. Patent Office. Register and protect your trade marks.
LESTER L. SARGENT, Patent Lawyer
534 Tenth St., N. W., Washington, D. C.

Trade Bulletins

N. H. Downing, Wichita Falls, Tex., Nursery, will more than triple the amount of stock on the new 457 acre tract this season, mostly ornamentals.

Jno. S. Kerr Nursery, Sherman, Tex., is adding 35 acres to its growing grounds, says Manager J. V. Smith.

O. P. Hilscher has established the 10-acre Liberty Farm Nursery near Fort Worth, Tex.

Henderson's Nursery, Athens, Tex., last year added 12 acres to its shrub and evergreen department.

W. V. Henson, Tyler, Tex., of the Texas Pecan Nursery, reports marked increase in rose production in the Tyler section. The F. H. W. Rose Nursery conducted by R. W. Fair, W. V. Henson and O. F. Watkins, a new concern, expects to have 400,000 plants for fall delivery.

Idle Hour Nurseries, Macon, Ga., has added a Lord & Burnham greenhouse 50 x 250 feet.

In the opinion of C. T. Smith, Concord, Ga., more good landscaping has been done in the South in the last five years than in 50 years before.

Gilbert H. Wild, Sarcoxie, Mo., has trebled his cold-storage capacity. He specializes in peonies and iris.

Directors of the Texas Florists Association regard it as desirable to get into Texas newspapers the code of ethics adopted by the association in Galveston last year.

Warriner Nurseries, New Orleans, La., capital $300,000, have been incorporated.

Andrew C. Cova, Nurseryman, capital $50,000, is an incorporation by A. C. Cova and D. M. Bluestone, New York City.

Maples Brothers Nursery, Ozark, Mo., offers to make apple grafts for farmers at 15 cents each.

Empire State Nursery, Newark, N. Y., has been incorporated, $25,000, by D. E. Williams, T. E. Knight and Arthur N. Christy.

Ross County Nursery, Chillicothe, O., is the outcome of the purchase recently of the two greenhouses and five acres of land of Philip Volk by Frank and Joseph Tomastik.

W. M. Van Cise, manager of the Albany, Ga., Peach and Pecan Company, has recently planted ten acres in holly trees about three feet high on the large plantation in Lee County, Palmyra District, which is an unusual diversification in the farming line. The limbs of these trees are to be used for Christmas decorations. The tract contains approximately 3,000 trees.

The Shie Landscape Nursery Company, Sidney, O., $10,000, Martin M. Busletter, Earl A. Crile, Franklin P. Geer, David O. Tubbs, John L. Ward, Herman J. Shie, has been incorporated.

The list of native deciduous and evergreen trees and shrubs, perennials, climbers, ferns, aquatic plants, orchids and seeds collected by E. C. Robbins, Ashford, N. C., Gardens of the Blue Ridge, is interesting.

H. E. West, Salem, N. J., with 15 years' experience in the greenhouse business, has established a Nursery in connection therewith.

Prof. Samuel J. Record of Yale School of Forestry is in Porto Barrios, Guatemala, where he will continue the research work in tree plant structures of that region which he began last year. His trip will last two months. Prof. Record is working in conjunction with the Smithsonian Institute in Washington.

Many shade trees were planted during the fall along residence streets of Washington, D. C. Red oak and American elm are used in that city.

Three thousand evergreen trees in green plant tubs were used to decorate the streets of Regina, Sask., Canada during the holidays.

S. Takashima, Nurseryman, Oakland, Cal., recently presented to the management of the Alameda municipal golf course cypress trees valued at $250 to be planted around the clubhouse. A good advertisement.

Mountain Lake, Fla., Nursery has been established by the Mountain Lake Corporation. It is in the charge of D. K. Stabler, horticulturist, formerly of Tampa.

LITERATURE

Wholesale price list for spring 1927 just issued by Princeton Nurseries, Princeton, N. J., is a model as to size, simplicity in arrangement, practicability and effectiveness of the subject matter. It is 9⅛ x 3⅞ inches, 68 pages and cover. In a business-like way it starts out with announcement of membership in national, district and state trade associations and that quotations, prices and grading are based on horticultural standards adopted by the American Association of Nurserymen.

The recipient is informed that the Nursery at Princeton comprises over 500 acres devoted to production of high grade stock of wide variety. A policy of alertness to improve stock, methods of handling and the business generally is expressed and cooperation toward increasing pride in the work and profit for the customer is asked. "We try to be fair in the matter of any adjustments," say Wm. Flemer's Sons, Inc., "and we ask our customers to reciprocate this feeling, which we might add we find in almost every case is done."

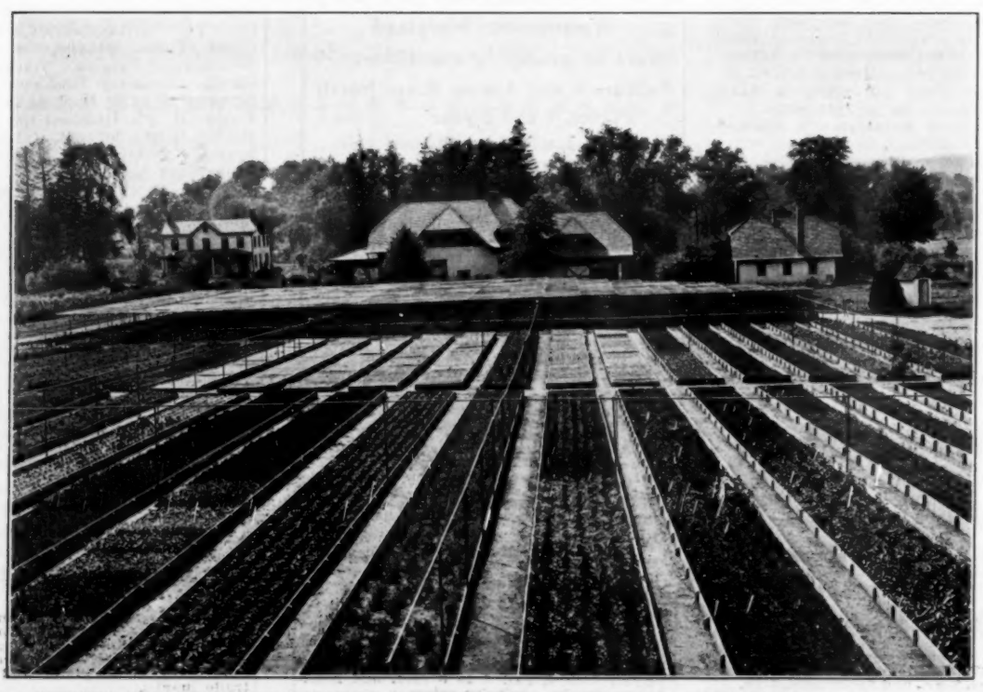
The outstanding feature is the classified index by means of which any variety offered can be located in the list in a moment from the alphabetical entry. There is also a general index of botanical and common names. As to prices this firm says: "Prices are F. O. B. Kingston, N. J. and are as low as is consistent with the market, taking into consideration that the stock offered is of the best quality, carefully grown, with ample room for full development."

The firm's new trade mark is featured on the cover.

Timely Suggestion to Planters

In some effectively suggestive advice to planters in two colors on a tinted sheet Burr T. Belden, Storrs & Harrison Co., Painesville, O., says:

"Signs all point toward an early and propitious planting season. Nursery stock ripened satisfactorily last fall and is in excellent condition for transplanting. The soil everywhere is thoroughly re-stocked with moisture after about three years of short supply. Reliable prophets claim that the year ahead of us will be marked by a return to normalcy in weather and crop conditions. It would seem, then, that now is the psychological time to do that deferred planting."



OFFICES AND ADJACENT GROUNDS OF PRINCETON NURSERIES, PRINCETON, N. J.
General view from the greenhouses toward the office showing transplanting beds withlath houses for azaleas in the distance

The Preferred Stock

YES, SIR! Spring is coming---and it'll be here before we know it.

Perk and I are ready for an active season, and believe me, it promises to be active. Sales are brisk--mighty brisk for this time of year--and stock is being bought up fast.

The assortment is good but rapidly becoming broken. So, as you can imagine, we're not advising nurserymen to delay very much in getting in their orders for the Preferred Stock.

Bi-weekly bulletins show stock available. Are you getting yours regularly?

Actively yours,

Jack

Jackson & Perkins Company
Wholesale Only
Newark, New York.

GOOD JUICY STAPLES

Pink Flg. Almond on Am. Plum 2/3
Prunus Triloba on Am. Plum 4/6
Kashgar Tamarix (Tam. Hisp.) 2/3
Bechtels Flg. Crab 2/3.—and others.

Let us quote you.

Washington Nursery Co.
TOPPENISH, WASH.

SPECIAL PRICE
To Close Out the Balance of Our Surplus
JAPANESE BARBERRY SEEDLINGS

	1M	10-25M	25-50M
9-12"	$12.00	$10.00	$ 8.00
6- 9"	7.00	6.00	5.00
4- 6"	6.00	5.00	4.00

Special prices on larger quantities. These seedlings are from our own stock, grown under irrigation and are first class. Packed free. Cash or reference from unknown trade.

Allendale Nurseries
Delaware, Ohio

We have several thousand Arborvitaes to offer the Nursery trade.

2000 Chinese Compact 18-24 in.....$1.00
4200 Chinese Compact 15-18 in..... .75
2400 Chinese Compact 12-15 in..... .50
800 Pyramidal Arborvitae, Aurea or Golden, 2-3 ft.....$1.25
3500 Pyramidal Arborvitae, Aurea or Golden, 1½-2 ft..... .75
2100 Pyramidal Arborvitae, Aurea or Golden, 15-18 in..... .50
Rooted Cuttings English Boxwood True Dwarf 2 years in beds.
28,000—$5 per 100, $45 per 1000

DAVIE NURSERY
R. F. D. 2 Mocksville, N. C.

Hardy Perennials, Dahlias and Bulbs

choice field grown stock, suitable for any purpose. Send for our wholesale list. We make a specialty of high class stock for the better class of trade.

N. A. Hallauer, Webster, N. Y.

USED BURLAP
FOR
NURSERY WRAPPING
IROQUOIS BAG COMPANY INC.
642-656 Clinton St., Buffalo, N. Y.

CHOICE EVERGREENS

Both in lining out and specimen sizes of Abelia, Azalea, Arbor-vitae, Camellia, Cedrus, Ligustrum, Pittosporum, Nandina, Retinispora, etc.

If you did not receive my annual trade price list, write for one.

T. KIYONO, CRICHTON, ALA.

PECANS

We are the pioneer growers of budded an grafted pecans in the South. Have a complete stock of the leading standard varieties. Can furnish trees we know will please and give satisfactory results. Catalog free.

INTERSTATE NURSERIES
C. M. Griffing & Co., Props. Jacksonville, Florida

PLANTING STOCK

Purple Lilac from divisions. Well rooted and strong. At $30.00 per 1000.

R. F. HARRIS
MANCHESTER, CONNECTICUT

PYRUS CALLERYANA

Genuine SEED Chinese
Also SEROTINA and USSURIENSIS

HERBST BROTHERS
95 FRONT ST: NEW YORK
AGENTS FOR T. SAKATA & CO.

SPECIAL SERVICE —TO— NURSERYMEN

In filling orders for—
Rhubarb Horseradish
Strawberry Asparagus
Extra Heavy 3-yr. Asparagus, $5 M
Write For Wholesale List

W.W. THOMAS, Anna, Illinois
—The Strawberry Plant Man—

FOR SALESMEN
And Sales Managers

The practical lesson in Salesmanship presented to Illinois Nurserymen's convention by C. H. Mackintosh, expert, as published at pages 34, 35, 36 of Feb. **American Nurseryman,** and at pages 36 and 37 of **American Nursery Trade Bulletin,** can be had in lots of 500 at $9, and of 1000 at $12.50, plus postage. One trade association secretary has ordered 1000 for members of his association. Reprints are in form of 4-page folder, letter-sheet size.

AMERICAN FRUITS PUBG. CO.
P. O. Box 124 Rochester, N. Y.

THIS PAGE PRESENTS

American Nurseryman Directory of American Plant Propagators

Listing Nursery Concerns Which Specialize in Production of Young Stock Including That Which Has Heretofore Been Imported

The American Plant Propagators' Association, Organized in 1919, Will Hold its Ninth Annual Meeting in Cleveland, Ohio, June, 1927. E. M. Jenkins, Winona, Ohio, Secretary

TWO-INCH BLOCKS ONLY ARE SOLD IN THIS DIRECTORY. EACH BLOCK $5.00 PER MONTH UNDER YEARLY CONTRACT, INCLUDING PUBLICATION ALSO IN THE "AMERICAN NURSERY TRADE BULLETIN"

HILL'S EVERGREENS
FOR LINING OUT

Complete assortment of Evergreens including Firs, Junipers, Spruces, Pines, Yews, Arbor Vitaes, Cedrus, Taxus, Biotas, etc. Also deciduous ornamental trees and shrubs in wide variety. Your patronage is appreciated.

Write for Wholesale Trade List

The D. HILL NURSERY Co., Inc.
Evergreen Specialists
Largest Growers in America
Box 402 Dundee, Ill.

Established 1868

Naperville Nurseries
TREES, EVERGREENS SHRUBS, PERENNIALS, Etc.
Growers of
LINING OUT STOCK
Naperville, Ill.

Catalog and list of Lining Out Stock offerings will be sent upon request.
Telephone, Naperville No. 1

LINING OUT

HEMLOCK SPRUCE
ARBOR VITAE MAPLES
JUNIPER VIBURNUM
and other good items.

GEO. D. AIKEN
Putney, Vermont
"Grown in Vermont. It's Hardy."

WE HAVE THEM
You May Want Some

Norway, Sycamore and Silver Maples; Pin, Red, Mossy Cup, Catesbaei and Willow Oaks.

Butterfly Bush, Dogwoods, Deutzias, Forsythia, Spireas, etc.

Our Trade List is ready.
Get next to one.

Atlantic Nursery Co.
BERLIN MARYLAND

Grape Vines

Grown from cuttings planted this spring, consisting of Moore's Early, and Concords. Graded as in former years: 1 yr XX; 1 yr. No. 1; 1 yr. No. 2; 1 yr. No. 3. Will have possibly 10,000 Moore's Early, 3 yr. transplanted vines. Cut back this spring should be Extra Strong vines. Correspondence solicited.

Fairfield Nurseries
SALISBURY, MARYLAND, R.F.D. No. 3
CHAS. M. PETERS, Proprietor

Franklin Forestry Co.
NURSERIES AT
COLRAIN AND SUDBURY, MASS.
FOREST NURSERY STOCK
CONTRACT FOREST PLANTING
Send for our catalogue
89 STATE STREET
BOSTON MASS.

EVERGREENS
MILLIONS OF THEM
Seedlings—Transplants—Cuttings
Grown under glass
Also **Apple Trees, Shade Trees, Hedgeplants, Shrubs, Vines, Peony.**
Send for our latest Bulletin

Sherman Nursery Co.
The largest growers of Evergreens in the world
Charles City, Iowa

Scotch Grove Nursery
GROWERS OF
EVERGREENS
FOR
Lining Out
GOOD ASSORTMENT OF
STANDARD SORTS
Price List on Request Established 1871
SCOTCH GROVE, IOWA

EVERGREENS
SEEDLINGS and TRANSPLANTS
FOR LINING OUT
WRITE FOR OUR PRICE LIST

THE NORTH-EASTERN FORESTRY CO.
"WE GROW OUR OWN TREES."
CHESHIRE, CONNECTICUT

Lining Out Stock

Acer ginnala and campestre, Cornus florida, Lindera, Prunus tomentosum (understock for triloba), Rhodotypos, Ibolium Privet, Box-Barberry frame cuttings. Complete line of Evergreens, shrubs and perennials.

The Elm City Nursery Co.
Woodmont Nurseries, Inc.
New Haven, Conn.

BROAD LEAF EVERGREENS
RARE AND CHOICE CONIFERAE
AZALEAS (Evergreen and Deciduous.)
FLOWERING SHRUBS, VINES and CLIMBERS

We produce the greatest variety of Herbaceous Plants and Field Grown ROSES in America. Ask for our wholesale price lists.

Bobbink & Atkins
RUTHERFORD, NEW JERSEY

Connecticut Valley Grown
SEEDLINGS
of all kinds—also
Imported Rose & Fruit Stocks

C. E. WILSON & CO.
Manchester, Conn.

LINING OUT STOCK

Acer plantanoides, 2 yr. Seedlings
Betula alba, 3-6" & 6-9"
Calycanthus floridus, 1 yr. Seedlings
Euonymus alatus, 1 yr. Seedlings
Koelreutaris paniculata, 1 yr. Seedlings
Sophora japonica, 1 yr. Seedlings
Syringa vulgaris 1 & 2 yr. Seedlings
Prunus serrulata, 1 yr. Seedlings
Sorbus aucuparia, 1 yr. Seedlings

Prices & Complete Price List on Request

HESS' NURSERIES
P. O. Box No. 52 Mountain View, N. J.

Your Future Seedlings
WILL BE FROM CALIFORNIA

We have French climate and better soil. Those who tried them last year bought heavy this year. Try some for comparison and be convinced. We still can offer a limited number of P. calleryana and Myrobolan seedlings.

Robertson-Vistica Nursery
118 N. Ophir Street Stockton, Calif.

1927 PRICE LIST
of
Collected Hardy Native EVERGREENS, TREES SHRUBS and PLANTS
Write for it!

L. E. WILLIAMS NURSERY CO.
Exeter, N. H.
Successor to L. E. Williams, Exeter, N. H. and I. L. Williams, Manchester, Vt.

American Nurseryman Directory of American Plant Propagators

Listing Nursery Concerns Which Specialize in Production of Young Stock, Including That Which Has Heretofore Been Imported

EVERGREENS
& DECIDUOUS TREES
SHRUBS & VINES
WHOLESALE GROWERS for THE TRADE
of Choicest
Hardy New England Grown
Nursery Stock
Write for Price List Send your Want List
Little Tree Farms
FRAMINGHAM CENTRE, MASSACHUSETTS

★
ROSES
Shrubs Cannas
Lining-out Evergreens
Send for Trade-List
The CONARD-PYLE Co.
ROBERT PYLE, Pres. West Grove, Pa.
"More than 28 years' experience"

Established 1883
LINING OUT STOCK
Tropical Ornamentals
And small pot stock for growing on
PALMS A SPECIALTY
Shade Trees, Shrubs, Vines, Ornamental Grasses, Bulbs, Etc.
Give us your want list and let us quote.
REASONER BROTHERS'
Royal Palm Nurseries
Drawer "N" ONECO, FLORIDA

AMERICAN ASSOCIATION OF NURSERYMEN

Secy-Treas. and Traffic Manager, Char les Sizemore, Louisiana, Mo.

The Cleveland Convention

Lake County, Ohio, the largest Nursery section in the United States, will be host to the American Association of Nurserymen one day during the fifty-second annual convention to be held at Hotel Statler, Cleveland, during the week of June 19-25.

Painesville and Perry Nurserymen as a committee on program and general arrangements, met last month at the Parmly hotel in Painesville.

The convention will bring many people. The day's outing in Lake county is one of the chief features.

The tentative plans are to meet a special train at Mentor with automobiles, furnished by Rotary, Kiwanis and other civic clubs, start through the Nursery center, lunching at Painesville-on-the-Lake, and then proceeding as far east as Perry, where the train will be in waiting. This will take place on Tuesday of convention week.

There are 250 Nurserymen in Lake county, which justifies the claim of the largest Nursery center.

Preparations for the banquet to be held at the convention in Cleveland next June are well under way. The committee in charge, E. B. George, Harry W. Joiner, Paul J. Schumaker, Horton Bowden, James West, Howard Chard, Paul Fortmiller are doing everything possible to promote one of the best banquets given at any convention. There will be music by the best orchestra obtainable in Cleveland, dancing for those who care to dance and food for everyone who is able to eat. Be sure and take this banquet in, get your tickets from the Baby Rambler members.

Griffing Nurseries, W. C. Griffing proprietor, Beaumont, Tex., has concentrated its main office at its Rosedale Nursery. A four-mile driveway through the 300-acre Nursery is under construction. A large planting is planned and correspondence indicates the best business yet in 1927.

For Denver in 1928

Editor American Nurseryman:

The following telegram was received by the secretary of the Western Nurserymen's Association, which recently held its annual meeting at Kansas City, Mo.:

Colorado and Denver extend a most cordial invitation through you to the American Association of Nurserymen to hold their 1928 convention in Denver. This invitation carries with it the hearty support of all of our business interests. We shall furnish a meeting place with necessary committee rooms without cost and shall co-operate in every way we consistently can. Regret that we have no funds for entertainment. Sincerely trust that you will select Denver for your 1928 meeting and assure you that a great big true hearty western welcome awaits you."

At the same meeting the Western Association of Nurserymen unanimously endorsed Denver as the meeting place of the American Association of Nurserymen in 1928.

The members of the Western Association feel that Denver will be an ideal place of meeting, being within easy access of Pike's Peak, Estes Park and numerous other beautiful mountain trips, and being well situated from a climatic standpoint. The members of the Western Association think the members of the American Association of Nurserymen will find Denver an ideal spot in which to hold the convention. After the convention many of the members will no doubt make side trip to points of interest in the Rocky Mountains and many of them will probably go further west—to Yellowstone Park, the Grand Canyon, the big redwood forests of California and other American show places not surpassed or equalled in this country or anywhere else.

LLOYD STARK.
Chairman, Committee on 1928.
Louisiana, Mo. Meeting Place.

When writing to advertisers just mention American Nurseryman.

Missouri Nurserymen Elect

Missouri State Nurserymen's Association has elected: President, Paul C. Stark, Louisiana, Mo.; vice-president, Orville L. Moffitt, St. Joseph, Mo.; secy-treas., George H. Johnston Kansas City, Mo. Executive committee: Wililam A. Weber, Affton, Mo.; Mr. Weston, Neosho, Mo.

Affiliation with the A. A. N. was renewed. Paul C. Stark was appointed delegate to the American Association convention. William A. Weber, alternate.

It was decided that a drive be made to increase the membership. Mr. Weber was appointed chairman to take charge.

A committee consisting of Paul Stark, H. Enders, H. J. Bagby, C. A. Chandler, R. G. Minich and George H. Johnston, met with the legislative committee in Jefferson City to protest against the state going into the growing of forest trees and evergreen seedlings for commercial purposes.

GEO. H. JOHNSTON, Secy.

Ohio Nurserymen's Meeting

(Continued from Page 62)

In way of recommendations Mr. Wilcox suggested effort to secure disease-free plants and planting in soil that has never contained any berries as sometimes these diseases are carried over for a long period of years in the ground.

One of the most interesting parts of the Ohio meeting was the remarkable group of lantern slides shown by W. J. Edmondson of Cleveland. Mr. Edmondson is a color portrait artist with color landscape and estate plantings as his hobby. His collection of views comprised modern gardens and estates employing a new type of color photography which enabled him to make his slides in natural color not retouched.

MEMBERSHIP AND OFFICERS

The Ohio State Nurserymen's Association has 72 active members, six associate and two honorary members. E. G. Hill, Richmond, Ind., and Prof. A. C. Hottes of Columbus are the honorary members. Officers elected for 1927 are as follows: Pres., Clarence Siebenthaler, Dayton, O.; vice-pres., James West, Perry, O.; sec., Howard H. Scarff, New Carlisle, O.; treas., A. R. Pickett, Clyde, O.; ex. comm., T. B West, Perry, O.; Edward George Painesville, O.; Fletcher Bohlender, Tippecanoe City, O.; Harry Day, Fremont, O.; W. B. Cole, Painesville, O.

W. N. SCARFF, Secy.

Say you saw it in "American Nurseryman"

PALMETTO PALMS

10"	$ 8.00	per 1000	16"	$14.00	per 1000
12"	10.00	per 1000	18"	16.00	per 1000
14"	12.00	per 1000	20"	18.00	per 1000

22" and 24" $20.00 per 1000

CABBAGE PALMETTO PALMS 30" up $30.00 per 1000.
SPANISH MOSS, 10c per lb. FERNS, AIR PLANTS, WATER LILLIES, HYACINTHS, MAGNOLIAS, ETC. Write your wants. I will get you what you want. Above prices are cash with order. F. O. B. shipping point.
H. ROBINSON Box 955 Okeechobee, Fla.

THIS SPACE
$5.60 PER MONTH
Under Yearly Term—Including publication
Twice a Month for the Single Rate
CHIEF EXPONENT OF THE NURSERY TRADE

FRUIT AND FLOWER CLUB OF WESTERN NEW YORK

Fred M. O'Brien, Geneva, N. Y., Secy.

Announcement of the formation of this organization on March 4, 1926 at Hotel Seneca, Rochester, N. Y., was made in the March 1926 issue of this journal. G. B. Schueler, Rochester, was chairman; L. H. Hayward, secretary.

Present officers are: President, Charles O. Warner, Geneva, N. Y.; secretary, Fred M. O'Brien, Geneva, N. Y. The object of the organization is to promote co-operation among those interested in the distribution of Nursery stock through salesmen. The membership comprises men who are handling sales of Nursery stock through salesmen, in Rochester, Geneva and Newark, N. Y. Membership is of individuals rather than firms. Meetings are held alternately in the three places named, with an attendance of about fifty at each meeting.

At the annual meeting in Geneva, Feb. 10th, the president was directed to appoint a committee on ethics to which complaints will be referred for investigation. Questions of general or special interest are discussed at the meetings. Much in a practical way has been accomplished during the first year of the club's existence.

International Horticultural Congress will be held in Vienna Sept. 20-25, 1927. Among the subjects to be discussed are: International agreements on the nursing of fruit trees, e. g. height of trunk, stocks. Agreements on the organization of the exchange of young Nurserymen for additional training. Questions on the position of architects of horticulture: Protection of the title: Architect of Horticulture.

D. A. Bellis, formerly of Penn Yan, N. Y., proprietor of the Independent Fruit Co., has moved with his family to Greer, S. C., and will be engaged in the Nursery business making a specialty of grapes. He says prospects are good for growing grapes in that section.

The trade should remove the name of Peterson Nursery, Chicago, from mailing lists. William A. Peterson states that he continues to receive a large quantity of printed matter and some correspondence, although the Nursery office at 30 North La Salle street has been closed for eight months, and the Nursery at 3400 Peterson road has been cleared of stock and divided into building lots. Mr. Peterson is now in no way interested in the Nursery business.

San Benito, Tex., Nursery and Floral Co., has added two small greenhouses.

CHARLES O. WARNER, Geneva, N. Y.
President Fruit and Flower Club of Western New York

A Hybrid Dewberry, all but lost to the horticultural world since its origin in 1905, has been brought into favorable recognition as a result of tests by the United States Department of Agriculture. This dewberry, named the "Young" for the orginator, B. M. Young, of Louisiana, bears fruit larger than the popular Lucretia variety, is much sweet-

---

Downing and Cox Nurseries, Glendale, Cal., have been consolidated under the management of R. E. Downing.

The Fairmont Nursery Co., Orange Township, Cuyahoga County, O., has been incorporated, $10,000, by Burton P. Faragher, John H. Hogg, Harry W. Lower, M. C. Murray and R. L. Toben.

George E. Sherman, aged 75, well-known Nurseryman of Southeastern New England, died recently at his home in Warren, R. I. He succeeded his father, the late James Sherman, in the Nursery business and was a member of the Rhode Island and the New England Nurserymen's Associations.

Massachusetts Nurserymen's Association in annual session in Boston Jan. 26th elected: President, Sheldon A. Robinson, Lexington; vice-president, W. H. Bowman, North Abington; secretary-treasurer, Winthrop H. Thurlow, West Newbury.

CALLOUSED GRAPE CUTTINGS

What the Nurseries have been looking for, Early Shipment. Calloused in the Land of Sunshine.

Send for Price List.

Independent Fruit Co.
GREER, SOUTH CAROLINA

LINING OUT STOCK
Red Cedar, 6- 8 in. ..... $50.00 per 1000
Red Cedar, 8-12 in. ..... 65.00 per 1000
SHADE TREES
Elm White, 6-8 ft. ..... $40.00 per 100
Elm White, 5-6 ft. ..... 25.00 per 100
CRESCENT CITY NURSERIES
BOX 122 COUNCIL BLUFFS, IA.

IRIS
Mixed, $10 per 1000; Named, $20 per 1000
PEONIES
$10 and up per 100
PURPLE LILAC
3-4 ft., 25c; 2-3 ft., 20c; 18-24 in.,15c.
Write For Price List
W. L. LUX, R. No. 7. Topeka, Kan.

LINING-OUT STOCK
The most complete List in the country, and low prices, for example:—
TSUGA CANADENSIS
(Hemlock)
4-6" Seedlings ..... $22.50 per M
PICEA PUNGENS
(Colorado Spruce)
2-year Seedlings ..... $30.00 per M
Kelsey Nursery Service
50 Church St. New York, N. Y.

FOR SALE—Silver, Norway, Sugar maple 6-8 ft.; Sycamore maples 10-12 ft.; White Pine, Hemlock, Virginia Red Cedar 3-4 ft., B&B; Pfitzer Juniper, Globe, Reedie, Pyramidalis arborvitaes, Retinispora Plumosa, once transplanted 6-8 in.; Norway Spruce, Colo. Blue Spruce once transplanted 4-6 in.; White Pine, Hemlock, 6-12 in.; Globe, Douglas arborvitaes 4-6 in.; Bakers Bioto, Jones Bioto, Pfitzer Juniper 4 in. Write for prices.
E. W. JONES NUR. CO., Woodlawn, Va.

Copper Wired Tree Labels (Painted)
Delivered anywhere in the United States, parcel post prepaid $2.10 per thousand. Cash with order. Write for special quantity discounts.
General Novelty Corp., 601 Union St.
Fred Gust, Sales Mgr. SEATTLE, WASH.

ORNAMENTALS
(Balled)

		Each
Box Pyramids	18/24"	$2.50
Box Pyramids	15/18"	2.00
Cotoneaster, Floscosa	3/4'	1.00
Cotoneaster, Floscosa	2/3'	.85
Cotoneaster, Franchetti	3/4'	1.00
Cotoneaster, Franchetti	2/3'	.85
Cotoneaster, Mcyr., spread	30/36"	1.00
Cotoneaster, Mcyr., spread	24/30"	.85
Cotoneaster, Simonsi	5/6'	.90
Cotoneaster, Simonsi	4/5'	.75
Lawson Cypress	3/4'	1.50
Lawson Cypress	2/3'	1.25
Lawson Cypress, Blue Column.	3/4'	2.25
Lawson Cypress, Blue Column.	2/3'	2.00
Lawson Cypress, Green Col'mn	15/18"	1.25
Lawson Cypress, Green Col'mn	12/15"	1.00
Irish Juniper	3/4'	1.75
Irish Juniper	2/3'	1.50

HARDY PERENNIALS

	10	100
Field grown, strong clumps		
Alyssum rostratum, gold. yel.	$1.00	$8.00
Anemone jap. Prince Henry, red.	1.00	8.00
Anemone jap. Qu. Char., pink.	1.00	8.00
Anemone jap. Whirlwind, white.	1.00	8.00
Cerastum tomentosum, gold. yel.	.80	7.00
Crysanthemum, pom., all shades	.80	7.00
Coreopsis lanceolata, gold. yel.	1.00	8.00
Gaillardia grandi., red-brown.	1.00	8.00
Hollyhocks, double, all colors.	1.00	8.00
Iris, Japanese varieties, mixed.	1.25	9.00
Phlox subiata rosea, light rose.	.80	7.00
Phlox sublata lilaciana, lt. lilac	.80	7.00
Pyrethrum (Persian Daisy), single & double, all colors mixed	.80	7.00
Thymus citriod. (Thyme), yel.	.80	7.00
Valeriana coccinea, deep red	1.00	8.00

FOR FORCING

	Each
170 Deutzia grac. extra hvy, 18/24"	30c
800 Hydrangea, French, mixed	25c & 30c
300 Spirea Peachblossom, extra strong	30c
300 Spirea, Peachblossom, str'ng clu'ps.	25c

PORTLAND ROSES
Complete surplus list on request.
Place your order NOW while stocks are complete. CASH or statsfastory TRADE references. For cash with order we allow 3% discount and pack free.
MOUNTAIN VIEW FLORAL CO.
341 E. 72d St., Portland, Oregon
(Montavilla Sta.)

	Per 1000
Azalea occidentalis, 8-18"	$10.00
Mt. Hood Rhododendron, 6-10"	10.00
Oregon Dogwood Cornus-nutt., 3-4'	25.00
Oregon Blue Spruce, 6-10"	7.50
Lawson Cypress, 6-10"	7.50

ALFRED A. LOEB
8509 Division St. Portland, Oregon

PEACH
If you need peach, write us. We can supply your demand. Also apple in limited numbers and plum in small grades.
COMMERCIAL NURSERY COMPANY
DECHERD, TENN.

Evergreens and Ornamental Trees
Laurel, White Pine, Spruce Pine, Maple, Honeysuckle, Oak, Ash, Poplar, Dogwood, etc. Write for prices on carload lots and sizes you require. Can ship mixed if wanted.
Nature's Nurseries, Deep Gap, N. C.
W. A. Watson, Prop.

The following stock is offered for Spring Delivery: NORWAY SPRUCE, DOUGLAS FIR, RED PINE, SCOTCH PINE, LOMBARDY POPLAR, all sizes.
DAVID CAMPBELL
Warner, New York

EASTERLY NURSERY CO.
Cleveland, Tenn.
Offers for immediate shipment, several carloads of extra fine one-year Peach, in general assortment, heavy on Elberta. Also Japan Plum, on Peach. One carload of very fine California Privet, 5,000 Spirea Van Houtte. Send us your list for Special prices.

BOXWOOD
Large and Small Specimens
Hedging Suffruticosa and Semperviren varieties.
H. ERNEST CONWELL, INC.
MILTON, DELA.

E. P. BERNARDIN
Parsons
Wholesale Nurseries
PARSONS, KANSAS

Established 1870

Specialties

Amoor River North Privet, 2 yr., 2-3 and 3-4 ft., well branched.
Bungei Catalpa, 4½-8 ft. stems.
Lombardy Poplar, 5-6 to 10-12 ft.
Thurlow Willow, 5-6 to 10-12 ft.
Lonicera Bella Albida, 2-3 to 5-6 ft.
Deutzia Pride 2-3 to 5-6 ft.
Forsythia Asst., 2-3 to 4-5 ft.
Tamarix Asst., 2-3 to 5-6 ft.
Purple Wisteria, 2 & 3 yrs.

EVERGREENS—Biotas and Junipers, in good supply.
Early Harvest B. B. root grown plants.
Long list of Ornamentals in generous supply.

The F. E. SCHIFFERLI & SON NURSERIES
FREDONIA, NEW YORK
ESTABLISHED 1890

We offer for FALL and SPRING a very complete assortment of

Grape Vines, Currants and Gooseberries

in all grades. For thirty-six years we have made a specialty of growing these items, and with confidence unreservedly state:

"We KNOW How. Make Us Prove It."

We invite your inquiries.

This Semi-Iron House Is Ideal For Your Purpose

IT'S 35 feet wide. Admittedly, many nurserymen have built narrower ones. But because the wider houses cost less in proportion, and heat and ventilate better, they are building them.

35 feet gives you ample room for either 5 benches with side walks, or six without. In a house 100 feet long, that means, with 6 benches, 2256 square feet of actual growing space.

The Semi-Iron Construction, as we build it, makes a house, which if kept painted, will last a life time.

Let's figure on just what a house, the size you need, will really cost.

Lord & Burnham Co.

Builders of Greenhouses and Conservatories

Eastern Factory, Irvington, N. Y. — Western Factory, Des Plaines, Ill. — Canadian Factory, St. Catharines, Ont.

Irvington New York — New York 30 E. 42nd St. — Philadelphia Land Title Bldg. — Cleveland 1304 Ulmer Bldg. — Boston Little Bldg.

Chicago Cent. Bank Bldg. — Denver 1247 So. Emerson St. — Kansas City Commerce Bldg. — St. Louis 704 E. Carrie Ave.

Buffalo Jackson Bldg. — Montreal 124 Stanley St. — Greensboro North Carolina — St. Catharines Ontario

YOU want the best
DELPHINIUMS
WE have them!
Try our Wonderful Seed Saved from the Finest
WREXHAM
—VARIETIES

Coquette	$1.00	per	packet
Monarch of Wales	$2.00	"	"
Queen Mauve	$1.00	"	"
The Bishop	$2.00	"	"
Violet Queen	$2.00	"	"
Wembley	$3.00	"	"

Please Write Us

Hewitt & Co., Limited
Solihull, Warwickshire
ENGLAND

WHITE BIRCH AND LINDEN SEEDLINGS
Minnesota's New Fruit Trees and Plants

Plums, Apples, Cherries, Gooseberries, Mosaic-free Latham raspberry.

EVERGREEN SEEDLIN S
Colorado Blue Spruce, Mugo Pine, White Pine, Scotch Pine. My seedlings have an exceptionally good root system due to the favorable soil condition in my seed beds.

J. V. BAILEY'S NURSERY
Daytons Bluff Sta., St. Paul, Minn.

LATHAM
— RASPBERRIES —
Mosaic Free Stock

The New Minnesota Red Raspberry that out-yields all others. Descriptive circular and price list on request.

ANDREWS NURSERY COMPANY 1872

Faribault, Minnesota

WATERPROOF PAPER LABELS
Red or White, Plain or Printed
Sample Free.
OHIO NURSERY CO.
Elyria, Ohio

Northern grown Strawberry, Raspberry, Blackberry and Grape plants.

We pack your retail orders at prices that will make large profits for you.

ESSIG NURSERY
Bridgman, Michigan

American Bulb Company
Importers and Growers of
Dutch Bulbs, Cannas, Tuberoses, Gladioli, Hardy Lilies, Manetti, Lily of Valley, Sphagnum Moss.
Send For Free Catalogue.
6 Murray St., New York City — 182 N. Wabash Ave., Chicago, Ill.

We grow in large quantity for the trade especially
Strawberry Plants, Blackberry
King, Cuthbert, Trans. and Suckers, Asparagus Roots, Rhubarb Grape Vines, Currants. Also Cuttings of same.
Write for list and prices.
L. J. RAMBO — Bridgman, Mich.

TREE SEEDS
Send for catalog listing Tree, Shrub, Perennial and Evergreen Seed. Collected from all parts of the world.
CONYERS B. FLEU, JR.
6088 Ross St., Germantown, Philadelphia

TO "BALANCE" INTENSIVE FERTILIZERS

Use Hyper-Humus. It is an ideal carrier for strong chemical fertilizers. Eliminates the danger of burning, affords a more even distribution and conserves moisture.

100 lb. Bag, $1.50; 4 100-lb. Bags, $5.00; 1 Ton in Bags, $20.00

Write for prices on carload lots, bulk or bagged. FREE Booklet, "Soil Improvement."

HYPER-HUMUS COMPANY,
Dept. 26, Newton, N. J.

SPECIAL OFFER
OUR NEW CIRCULAR PLATE BOOK

Is now completed and as a special inducement to introduce it we will mail a Sample Copy postpaid, upon receipt of $1.50. It contains 94 leaves, with 164 colored illustrations, also short description on the back of each leaf.

Colored Circulars
have been added to our line.

We also make up "COMPACT" and Loose Leaf Plate Books, Folios, Maps, etc., from our regular color prints.

PROCESS COLOR PRINTING CO.
Formerly CHRISTY, INC.
Searle Bldg. Rochester, N. Y.

Supplement Your Catalog with
Special Mailing Pieces

—and you will increase your volume and make new customers.

We are specialists in designing Advertising for Nurserymen. Our special mailing pieces *PAY THEIR WAY* by bringing immediate sales and winning new customers.

The L. W. Ramsey Company
Advertising for Nurserymen
900 Putnam Building Davenport, Iowa

Nursery Stock
For Lining Out

Well rooted cuttings—One Year

	Per 1000
Deutzia Gracilis	$35.00
Deutzia Lemoinei	35.00
Hydrangea P. G.	35.00
Spirea Anthony Waterer	35.00
Rhodotyphus Kerroides	35.00
Viburnum Opulus Sterilis	40.00

TWO YEAR OLDS

Hydrangea P. G.	$50.00
Viburnum Americana	45.00
Viburnum Opulus	50.00

Send for our complete list of lining out trees, shrubs and evergreens.

Onarga Nursery Co.
Cultra Bros., Mgrs. Onarga, Ill.

Pecan Trees
Are Our Specialty

Over 100,000 high grade, clean, thrifty, stake-trained pecans each year. 150 acres in Pecan Nursery. Also have SATSUMA ORANGE trees on C. T. stock.

Simpson Nursery Co.
Monticello, Fla. Established 1902

Bolling Farms Nurseries
Growers

ORNAMENTAL SHRUBS, BROAD LEAVED EVERGREENS, PRIVET, VINES, POPLARS, ARBORVITAE

And other conifers.

Catalog and list of our offerings will be sent upon request.

Bolling, Alabama, Dept. B

WE OFFER

For late Fall and Spring, the following No. 1 stock: Write for prices.

Apple and Pear 2 & 3 Year. Plum on Plum. Peach, Cherry & Apricot.
Carolina Poplars 8-10 ft. & 10-12 ft.
Lombardy Poplars 6-8 ft. & 8-10 ft.
Flow. Almond Pink & White 2-3 ft.
Hypericum Moserianum 18-24 in.
Jasminum Humile 2-3 ft.
Althea in Assortment 4-5 ft.
Deutzias in Assortment 3-4 & 4-5 ft.
Spirea Douglasii 2-3 ft.
Spirea Reevesii 2-3 ft.
Spirea Van Houtte 2-3 ft. & 3-4 ft.
Amoor River North & California Privet 12-18 in, 18-24 in., & 2-3 ft.
Hydrangea Otaaka, (Field Grown).
Hardy Carnation Crimson
Eng. Ivy and Dutchman's Pipe Seedling
—North Carolina Peach Pits.

SEND US YOUR WANT LIST

W. T. HOOD CO.
Old Dominion Nurseries, Richmond, Va.

MISCELLANEOUS

Peony roots; forty acres of all varieties. Visit our fields. Lutz Peony Farms, Boonville, Ind.

St. Clair, a New Golden Yellow Cling Peach. Wonderful size and color. Trees 75c each, 10 for $5.00. L. F. Dintelmann, Belleville, Ill.

Champion Everbearing Strawberry Plants, $7 per 1000. Progressive, $7. Perfected Mastodon, the marvelous, new everbearer @ $20 per 1000. Eldorado B. B. @ $15 per 1000. Many other items. Write J. G. Prestage & Sons, Allegan, Mich.

Would consider purchase of local Nursery with good reputation located in or near Hartford, Conn. Give all details in first letter. Address B-74, Care of American Nurseryman, Rochester, N. Y.

Surplus peach in Dormant or June Buds.
10,000 Elberta, 3-4 ft., @ 5½c
10,000 J. H. Hale, 3-4 ft., @ 5½c
10,000 Elberta, 2-3 ft., @ 4½c
10,000 J. H. Hale, 2-3 ft., @ 4½c
Several thousand 18-24 in., @ 3½c
Bells of Ga., and Krumwells, all grades.
3-5 ft. apple in whips @ 6c in Variety.
Samples on request.
Highland Nurseries, Smithville, Tenn.

EVERGREENS

LINING OUT STOCK
Ready for Immediate Shipment

	Per 10	Per 100
Cedrus Deodora, 9x12 in., B.&B.	$6.50	$50.00
Cedrus Deodora, 12x15 in., B.&B.	8.50	70.00
Cedrus Deodora from 2½ in. pots.	1.50	12.50
Euonymus Japonica 1-transplanted, 6x8 in.		6.00
Euonymus Japonica 2-transplanted, 10x12 in.		12.50
Biota Orientalis 2-transplanted, 6-8 in.		9.00
Ligustrum Nepalens, strong rooted cuttings		5.00
Buddelia Magnifica, strong 2½ in. pots		5.00

T. G. OWEN & SON
Wholesale Florists & Nurserymen
Columbus Mississippi

WANT ADVERTISEMENTS

MAN WANTED

To undertake the sale of the plants from the most progressive nursery in the South. Must have had large experience and be willing to become interested in the company.

E. A. McIlhenny, President
Jungle Gardens, Inc.
Avery Island, La.

AMERICAN NURSERYMAN should be regularly on your desk. A business aid. Bristling with exclusive trade news. Absolutely independent. NOT OWNED BY NURSERYMEN.

Say you saw it in "American Nurseryman"

KINKADE GARDEN TRACTOR
and Power Lawnmower

A Practical Proven Power Cultivator for Gardeners, Suburbanites, Truckers, Florists, Nurserymen, Fruit Growers, Country Estates and Poultrymen.

AMERICAN FARM MACHINE CO.
1069 33rd Ave., S. E., Minneapolis, Minn.

HARDWOOD CUTTINGS
SEED
SEEDLINGS
HEDGE PLANTS

Send for complete list.

Rosebank Nursery Co.
INCORPORATED
Huntsville, Ala.

NOTICE

To all American Nurserymen and Seedmen desiring to keep in touch with commercial horticulture in England and the continent of Europe. Your best means of doing this is to take in the

HORTICULTURAL ADVERTISER

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of $1.50 covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.

Established 1883
H. A. LTD., Lowdham, Nottingham, Eng.

SEEDLINGS

Grown Entirely Without Irrigation

100,000	Apple, French Crab	3/16 in. & up
75,000	Apple, French Crab	2/16-3/16 in.
50,000	Pear, Calleryana	3/16 in. & up
100,000	Pear, Calleryana	2/16-3/16 in.
50,000	Pear, Calleryana	About 2/16 in.
10,000	Pear, French	3/16 in. & up
10,000	Pear, French	2/16-3/16 in.
10,000	Pear, French	About 2/16 in.
50,000	Pear, Japan	3/16 in. & up
25,000	Pear, Japan	2/16-3/16 in.
60,000	Pear, Japan	About 2/16 in.
30,000	Pear, Ussuriensis	3/16 in. & up
100,000	Pear, Ussuriensis	2/16-3/16 in.
100,000	Pear, Ussuriensis	About 2/16 in.
25,000	Cherry, Mazzard	3/16 in. & up
100,000	Cherry, Mazzard	About 2/16 in.
7,500	Plum, Myrobolan	3/16 in. & up.
20,000	Plum, Myrobolan	2/16-3/16 in.
25,000	Plum, Myrobolan	
700	Birch, Eur. White	24-30 in.
1,500	Birch, Eur. White	18-24 in.
4,000	Birch, Eur. White	12-18 in.
2,000	Birch, Eur. White	6-12 in.
3,000	Birch, Eur. White	4-6 in.
2,000	Maple, Sycamore, Purple	6-12 in.
1,000	Maple, Sycamore, Purple	4-6 in.

Owing to a short crop of seed, French Pear Seedlings are exceedingly scarce and will be sold only with regular orders for other Seedlings.

Portland Wholesale Nursery Company

East Washington at Sixth Street

Portland, Oregon

SCARFF'S Nursery

Headquarters for Small Fruit Plants And Lining Out Stock

Strawberries	Hardwood Cuttings
Raspberries	Iris
Dewberries	Spirea in variety
Blackberries	Privet
Elderberries	Hydrangea P. G.
Currants	Mallow Marvel
Gooseberries	Barberry Seedling
Grape Vines	Peonies
Horseradish	Honeysuckle
Asparagus	Euonymus Radicans
Rhubarb	Philadelphus Grand

Our list quotes lowest prices

W. N. Scarff & Sons, New Carlisle, O.

APPLE—1 yr. and Cut Back.
CHERRY
PLUM— Hansen Hybrids { 1 Yr.
PEACH

GRAPE VINES—2-1, 1-1, 1-2.
APPLE SEEDLINGS
PEAR SEEDLINGS, USSURIENSIS
FOREST TREE SEEDLINGS

Catalpa	Russian Mulberry
Elm	Honey Locust

TROY NURSERIES

W. N. ADAIR, Proprietor

TROY, KANSAS

PRIVET AND BERBERIS

SPLENDID STOCK

Write for Special Quotations.

LESTER C. LOVETT

Milford Delaware

3000 Oriental Arbor Vitae For Sale

Choice heavy specimens. 4 to 6 feet high Prices: single specimens $3.00; 10 or more $2.50; 100 or more $2.00. Carload lots $1.75. All prices F. O. B. Pine Bluff, packing at cost. Representative specimen on request.

PINE BLUFF NURSERY CO.

Pine Bluff Arkansas

TYING MACHINE

This Boy is Tying Celery and Does it More Than Again as Fast as by Hand. Many Nurserymen Are Using it for Tying Small Shrubs, Small-growing Fruits, Perennials, Plants, Etc.

BETTER LOOK INTO THIS!

Write Dept. N.

Felins Tying Machine Co.

1194-96 Fourteenth St.

MILWAUKEE, WIS.

Thousands In Use

GRAPE ROOTS

For Garden and Vineyard Planting. Best varieties; well rooted; vigorous. Also Currants, Gooseberries, Asparagus. Free catalogue.

T. S. HUBBARD CO.

FREDONIA NEW YORK

HARDY AZALEAS and BROADLEAVED EVERGREENS

Azaleas for lining out.

Write for Price List

Theodore van Veen Nursery Co.

3117 43d St., S. E., Portland, Oregon

Peach Pits

The Howard-Hickory Co.

Hickory, N. C.

Growers Confidential Price List Ready

IT IS advisable that you write for this list **now** and make immediate reservations while the assortment is complete and varied. We will ship at once,—or tag and hold for your future shipping date.

Standard and Dwarf Pear.—General Assortment
Plums.—On plum—Running strong to first size
Sweet Cherries.—Beautiful well rooted stock on Mazzard
Peaches.—General assortment all grades
Currants.—Fay's, London Market, Wilder—2 yr.
Grapes.—Special prices on Concord
Asparagus.—Washington, 2 yr., and other sorts
Shrubs.—A very complete line
Evergreens.—A few varieties still to offer in large sizes.
Ampelopsis Veitchi.—Strong 2 year
Aristolochia Sipho.—True large leaved grafted variety
Hall's Honeysuckle.—Two and three year
Roses.—Hybrid Perpetuals, Hybrid Teas and Climbers, carefully graded
Perennials.—Very complete assortment
Evergreens.—Pot Grown from both Cuttings and Grafts
Evergreen Seedlings.—One and two year
Evergreens.—Once and twice transplanted, two to five years old
Shrubs Pot Grown.—Propagated during the summer of 1926

Send your card or letterhead. Please state your requirements clearly so we can give your inquiry special attention. Patrons say it's a pleasure to do business with us. We have 600 acres here in nursery stock with a 46-year reputation for honorable dealings to recommend us. Try us once.

THE COLE NURSERY CO., PAINESVILLE, OHIO

Broadleaf and Coniferous EVERGREENS

English Laurel, Japanese Ligustrum, Gardenias, Aucuba Japonica, Biota, Retinosporus, Thuya.

Price list on request.

Audubon Nursery

H. VERZAAL, General Manager

Wilmington, N. C. P O. Box 275

APPLE and PEACH

Good assortment of varieties in various grades in car lots and less.

Also Shade Trees, Shrubs, Evergreens, Privet, Hardwood Cuttings and Seeds.

Get our prices and samples before placing order elsewhere.

TITUS NURSERY CO.

WAYNESBORO, VA.

Black Hills Spruce

B & B, All Sizes

Carload Lots or Less

Fairmont Nurseries

FAIRMONT, MINN.

Spireas, Philadelphus, Weigelias, Hydrangea P. G. and other hardy shrubs. Two-year California Privet, Roses, Grape Vines, Blackberries, Catalpa Bungei, Peach and other fruit trees.

H. J. Champion & Son, Perry, Ohio

THE AMERICAN ASSOCIATION OF NURSERYMEN

Is accomplishing much for the Nursery Trade.
With a record of fifty years of service.
Practical departments and active committees.
National conventions of inestimable value.

Unite with Six Hundred Representative Nurserymen throughout the country to protect your interests and advance your business. Only Nurserymen of high ideals are eligible to membership.

President, Earl E. May, Shenandoah, Ia.

Vice-President, Walter W. Hillenmeyer, Lexington, Ky.

Write CHARLES SIZEMORE, Secretary, Louisiana, Mo., for full particulars.

Contents of Twelve Preceding Issues of "AMERICAN NURSERYMAN"

MONTHLY NATIONAL CONVENTIONS OF AMERICAN NURSERYMEN — **FOR READY REFERENCE**

SEPTEMBER 1, 1926

Seasonal Trade Reports From Various Points..... 63
Conditions East and West By F. A. Wiggins..... 64
Expansion of Government Nurseries Competition With the Trade..... 66
Pointers for the Progressive Interest in Pacific Coast Varieties . 67
Ohio Nurserymen's Association Summer Meeting in Springfield..... 70
Pacific Coast Conditions By President J. J. Bonnell..... 72
Baldwin Nursery Reorganization Baldwin Brothers in Sole Charge... 75
Southern Nurserymen's Association Plans for Annual Convention.....63-76
Uniform Catalogue Size Strongly Recommended 78
New A. A. N. Committees..... 78
Central Nurseries, Des Moines, Ia..... 78

SEPTEMBER 15, 1926

Southern Nurserymen in Session Lively Annual Convention..... 49
In Adam's Original Nursery By President Lee McClain..... 49
Evergreens From Seed By Otto Katzenstein 49
Death of J. R. Mayhew Nationally Known Nurseryman 51
Entire Country Quarantined In Matter of Blister Rust..... 54
Case for A. A. N. Action Tampa, Fla., Park Practice..... 54
Much Work for the F. H. B. Eighteen Hundred Plant Diseases... 54
State Trees for Farm Revenue New York Commission Report..... 57
Nurseryman Covers 9000 Miles Annual Tour of John C. Chase..... 57
Southwestern Nurserymen's Association Annual Convention Plans..... 60

OCTOBER 1, 1926

Quantity Discounts, Planting Charges By William H. Howard..... 87
Propagating Evergreens From Seed By Otto Katzenstein..... 88
Standard Sizes of Evergreens By E. S. Boerner..... 90
Trade Self-Government Urged By U. S. Chamber Commerce..... 92
Lessons for Nurserymen In Nature Improvement..... 92
Pointers for the Progressive Black Walnut Orchards Advocated.. 93
Planters Should Visit Nurseries By County Agent F. W. Myer..... 93
Manetti on Pacific Coast Plans for Production..... 93
W. E. Schmick Damage Suit Settlement in Tenn. Case..... 94
Instance of Artistic Publicity By Clarence Prentice..... 99

OCTOBER 15, 1926

South Texas Nurserymen's Association Formed at Houston Meeting..... 69
Southwestern Nurserymen's Association Will M. Munson Elected President.. 69
Government Nurseries Activity Louisiana State Expansion..... 70
American Association Nurserymen Secretary's Monthly Report..... 72
Apples for Base Hitters Stark Bros. Nurseries' Gift..... 72
Most Popular Radio Announcer Earl E. May So Designated..... 74
Japanese Beetle Conference Quarantine Extension Announced... 74
Nebraska Nurserymen's Association Summer Field Day..... 75
California Association Nurserymen Seventeenth Annual Convention.... 75
A Hindenburg Line Broken Down Under New Control... 75

NOVEMBER 1, 1926

Special Seasonal Crop Reports From Various Points.....111
Root Stocks, Bud Selection By C. E. Durst.....112
Pointers for the Progressive Nurseryman's Novel Work.....112
Science of Right Conduct By A. T. Murray 114
A. A. N. Bureau Economics Formation is Suggested.....116
Progressive Publicity Idea By East Lawn Nursery.....116
Collections on Shipments By C. J. Atwood.....117
Pointers for the Progressive William H. Orr's Enterprise.....117
California Nurserymen Meet By J. A. Armstrong, Jr.....123
Nurserymen Bank President In 95th Anniversary.....115

NOVEMBER 15, 1296

N. Y. Nurserymen Seek Legislation State Aid for Domestic Stocks..... 89
Huntsville a Wholesale Center Past and Present Participants..... 92
Seasonal Trade Reports From Various Points..... 93
American Rose Society Annual Meeting Features..... 96
Secretary Sizemore's Affliction In Death of His Daughter..... 96
Teaching Farmers to Propagate Work at Penn. State College..... 96
American Plant Propagators Association Address by A. C. Hottes..... 97
American Association Nurserymen Secretary's Monthly Report..... 97
Procuring Nursery Salesmen By V. L. Rushfeldt..... 91
Pacific Coast Association Secretary's Complete Report 98

DECEMBER 1, 1926

Sterility, Varieties, Pedigrees By Dr. U. P. Hedrick 135
The Greatest Nursery District Painesville, O., Section 136
Production Scenes in Nursery At Storrs & Harrison's 138
Finding Blight Resistant Pear By Robertson-Vistica Nursery 139
Japanese Beetle Conference By Penn. Nurserymen 139
When Farmers Become Prosperous Nurserymen Will Profit Directly....140
Producing Domestic Fruit Stock Interests Dr. M. B. Waite 141
Secret of 75 Years' Success Outlined by Edward C. Greening....141
Two Coming Events in Chicago Illinois Ass'n & A. A. N. Meetings...142
80-Year Old Nurserymen in Rockies Annual Pilgrimage by T. A. McBeth..145

DECEMBER 15, 1926

Aid By Nurserymen for the Planter By G. A. Marshall 115
Practical Business Pointers By Roy F. Wilcox 118
Northern Retail Nurserymen Ass'n. Program of Minneapolis Convention.117
Schools for Nurserymen in Ohio Arranged by State Association 117
Illinois Association Convention Program of Practical Topics 116
The Dansville Nurseries Known the World Over 116
American Association Nurserymen Committees for 1926-27 118
Service to New York Nurserymen Offered by Geneva Expt. Station....120
Special Fruit Studies in Illinois Demand for New Varieties 121
Secretary Sizemore's Financial Report...126
Coming Nursery Ass'n Events 122

JANUARY 1, 1927

As to Ethics and Friendship By E. A. Smith, Minn..... 7
Northern Retailers Association In Annual Convention..... 8
Diseases of the Raspberry By Geo. M. Darrow..... 9
A Year-End Retrospect Trade Topics by Leaders..... 10
P. Ussuriensis As Root Stock By Louis Vistica, Cal..... 11
Fruit Tree Seedling Stocks By C. A. Tonneson, Wash..... 11
Arboretum Committee Work By Chairman Robert Pyle..... 12
Importations of Nursery Stock By States and Special Permits..... 14
Arkansas Nurserymen's Assn. In Annual Convention..... 17
Illinois Convention Program..... 17
Michigan Horticulturists 22

JANUARY 15, 1927

Good Goods at Fair Price By E. M. Sherman, Ill..... 7
Protest on Inspection Rules By C. C. Mayhew, Tex..... 7
New York State Nurserymen In Annual Convention..... 8
Business Methods of Retailers By Col. W. M. Mumm..... 8
Certain Wholesalers Rebuked By New York Association..... 9
State Aid Nursery Industry By Dr. R. N. Thatcher..... 9
Action on Exress Shipments By Secy. Chas. Sizemore..... 10
For Wholesalers To Think Of N. Y. Retailers Reort..... 11
Certain Trade Relations By George D. Aiken, Vt..... 15
The Need for Selling Stock By N. A. Reasoner, Fla..... 15

FEBRUARY 1, 1927

Working on Nursery Problems By Dr. William Crocker..... 31
Miss Smith Sets the Pace On Christmas Tree Problem..... 31
Illinois Nurserymen Are Advised By President Miles W. Bryant..... 32
Seed Store As an Outlet By W. L. Oswald..... 32
Pointers for Nursery Salesmen By Charles Henry Mackintosh..... 34
Lesson in Distribution..... 38
Etiquette for Architects..... 38
Pennsylvania Nurserymen's Association. 39
Eastern Nurserymen's Association..... 39
New Method to Control Crown Gall..... 40
Cafeteria Nursery Plan..... 40
Oklahoma Nursery Statistics..... 42
Tennessee Nurserymen's Meeting..... 48
Wholesale Price Evil..... 48
Griffing Nurseries Expansion..... 48

FEBRUARY 15, 1927

Interesting Ohio Features H. S. Day's Radio Talk..... 35
Suggestions for Salesmen's Use By Chas. Henry Mackintosh..... 36
For Okla. Nurserymen to Consider By President Jim Parker..... 37
Illinois Nurserymen's Association Convention Proceedings 38
Eastern Canada Nurserymen By C. H. K. Baillie..... 39
New England Nurserymen In Annual Convention..... 38
Real Pointers from Experience By President A. S. Buskirk..... 41
New Jersey Nurserymen By Secretary John Marseille..... 42
Rhode Island Nurserymen By Hugo H. de Wildt..... 45
Kentucky Nurserymen's Assn. In Annual Convention..... 42

Advertisements are Inserted Twice a Month in *American Nurseryman* for Single Rate

Three Ways To Advertise In The
American Nurseryman
PUBLISHED SEMI-MONTHLY, ON 1st AND 15th
58 Cents per Inch per Week Under Yearly Term

1- General or Special Purpose - - - Any Size
2- American Propagators Directory-2-in. blocks
3- Business Card Announcement - 1-in. blocks
Rate: $2.80 Inch per month; under yearly term, $2.50

TWICE A MONTH INSERTION FOR THE SINGLE RATE

ORNAMENTALS IN CARLOAD LOTS!

Send us your list of wants as we can often quote lower prices on stock we have in heavy surplus. You will be pleased with our service.

Send for Trade List

Onarga Nursery Co.
ONARGA ILLINOIS

We Offer for
Spring 1927
SHRUBS
ROSE BUSHES
FRUIT TREES
HEDGE PLANTS
ORNAMENTAL TREES

RICE BROTHERS CO.
GENEVA NEW YORK

Wathena Nurseries
WATHENA, KANSAS
Offer 2-year APPLE in car lots
FRUIT TREES
AND
SMALL FRUITS
ROBERT N. ADAIR, Prop.
Wathena Nurseries

BOUNTIFUL RIDGE NURSERIES
offers
Peach and Apple Trees
IN CAR LOAD LOTS OR LESS

In all of the leading varieties and grades for Early Spring shipment. June the first terms 1927. Let us have your list of wants. We will quote you prices that will save you money.

We also have a fine lot of Barberry Thunbergi, 18 to 24 inches and in 12 to 15 inch grade, stocky and well rooted, that we will make very attractive prices on.

Our stock has won two Blue and one Special Gold Ribbon at State and County Fairs this season. Let it win trade for you. Mail us your list of requirements.

BOUNTIFUL RIDGE NURSERIES
Princess Anne, Maryland

Vincennes Nurseries
W. C. Reed & Sons, Vincennes, Ind.
OFFER FOR SPRING 1927

CHERRY XX—1½ & 1¼ inch caliper for Fancy Trade
CHERRY 2 Year XX—inch up 5 to 6 ft.
CHERRY 2 Year—11/16 to inch, 5 to 6 ft. and 9/16 to 11/16.
CHERRY One Year—11/16 up. 9/16 to 11/16 & 7/16 to 9/16.
SWEET CHERRY One Year—5/7 ft., 4/5 ft. & 3 to 4 ft.
PEAR Standard 2 Year all Leading Varieties.
PLUM, European and Japan 2 year Leading Varieties.
PEACH One Year—Good assortment.
APPLE One and Two Year Budded—Commercial Varieties.

Please submit list of wants. Car lots our specialty.

THE MONROE NURSERY
ESTABLISHED 1847
Offers a Fine Stock of
SPECIMEN EVERGREENS
Fruit and Ornamental TREES and SHRUBS

Will be pleased to quote on your list of wants

I. E. ILGENFRITZ' SONS CO.
MONROE, MICHIGAN
Manufacturers of
I. E. Ilgenfritz' Sons Co's. Celebrated Graft and Stock Planter and Firmer

J. H. Skinner & Co.
Topeka, Kansas
WE OFFER
Apple, Cherry, Peach, Pear and Plum Trees
Apple Seedlings Pear Seedlings
Spirea Van Houtti, all grades
Privet, Amoor River North
2 to 3 ft., 4 or more canes.
Also lighter grades.
Lilac, named varieties
Paeonias
Apple and Pear Grafts, Whole and Piece Root.

OUR SURPLUS IS LOW BUT QUALITY THE BEST

TWO YEAR CHERRY

	11/16"	9/16"	7/16"	5/16"
Early Richmond	2480	1734	1245	425
Montmorency			1190	585

ONE YEAR PEACH

	2-3 ft.	5/16"	7/16"	9/16"
Elberta	3850	5650	2350	410

ONE YEAR PLUM ON PEACH

	11/16"	9/16"	7/16"	5/16"
Red June	625	870	1270	730

POPLAR SIMONDS PYRAMIDAL

6-8 ft.	8-10 ft.	10-12 ft.
1500	2500	1400

Let us quote you prices on the above that will interest you. Prices on June Budded Peach will be quoted on request with want list.

JOE SHADOW NURSERY CO.
Winchester, Tennessee

WE ARE HEADQUARTERS FOR LINING OUT STOCK

HILL'S EVERGREENS

The day is past when your customers will be satisfied with the old varieties of Evergreens. Line out some of the new and choice varieties. With the large amount of cheap and poorly grown Evergreens now being thrown on the market, it is more than ever essential that you secure stock from reliable sources. Send your order NOW. Spring is nearly here.

	Each 100	Each 1000
Arizona Fir (Abies arizonica)		
2 to 4 Inch o 2 yr.	11c	10c
Balsam Fir (Abies balsamea)		
4 to 6 Inch x Once Transplanted	6c	5c
Long Needled Balsam Fir		
4 to 6 Inch x Once Transplanted	6c	5c
Concolor or White Fir (Abies concolor)		
8 to 10 Inch x Once Transplanted	25c	
8 to 10 Inch xx Twice Transplanted	40c	
Douglas Fir (Pseudotsuga douglassi)		
6 to 8 Inch x Once Transplanted	15c	14c
8 to 10 Inch xx Twice Transplanted	30c	28c
Fraser Fir (Abies fraseri)		
4 to 6 Inch x Once Transplanted	10c	9c
Nikko Fir (Abies homolepsis) (Brachyphylla)		
4 to 6 Inch o 3 yr.	9c	8c
2 to 4 Inch x Once Transplanted	15c	14c
Veitch Fir Abies veitchi)		
4 to 6 Inch x Once Transplanted	8c	7c
Chamaecyparis pisifera plumosa		
4 to 6 Inch x Once Transplanted	8c	6½c
Chamaecyparis pisifera plumosa aurea		
4 to 6 Inch x Once Transplanted	8c	7½c
Chamaecyparis squarrosa veitchi		
4 to 6 Inch x Once Transplanted	8c	7½c
Chinese Juniper (Juniperus chinensis)		
6 to 8 Inch o 2 yr.	8½c	7½c
Pfitzer Juniper (Juniperus chinensis pfitzeriana)		
2" Pots x Once Transplanted	15c	14c
English or Common Juniper (Juniperus communis)		
6 to 8 Inch o 3 yr.	5½c	4c
Prostrate Juniper (Junip. communis depressa)		
6 to 8 Inch o 2 yr.	7½c	6½c
Juniperus communis depressa aurea		
2" Pots x Once Transplanted	20c	
Juniperus communis depressa plumosa		
8 to 10 Inch x Once Transplanted	30c	
Irish Juniper (Juniperus communis hibernica)		
8 to 10 Inch x Once Transplanted	15c	14c
Swedish Juniper (Juniperus communis suecica)		
2" Pots x Once Transplanted	15c	14c
Spiny Greek Juniper (Juniperus excelsa stricta)		
6 to 8 Inch x Once Transplanted	35c	28c
Hill's Waukegan Juniper		
8 to 10 Inch x Once Transplanted	35c	28c
Japanese Juniper (Juniperus japonica) (Procumbens)		
8 to 10 Inch x Once Transplanted	40c	32c
Savin Juniper (Juniperus sabina)		
2" Pots x Once Transplanted	18c	16c
8 to 10 Inch x Once Transplanted	30c	28c
Juniperus sabina tamariscifolia		
2" Pots x Once Transplanted	18c	
6 to 8 Inch x Once Transplanted	35c	30c
Hill's Silver Juniper (Juniperus scopulorum)		
4 to 6 Inch o 2 yr.	8c	7c
Redcedar (Juniperus virginiana)		
4 to 6 Inch o 2 yr.	7c	6c
6 to 8 Inch o 2 yr.	8½c	7½c
Silver Redcedar (Juniperus virginiana glauca)		
8 to 10 Inch Grafts, 3½" Pots	45c	
Hill's Pyramidal Juniper		
4 to 6 Inch x Once Transplanted	15c	
European Larch (Larix europea)		
8 to 10 Inch o 2 yr.	3½c	2½c
Japanese Spurge (Pachysandra terminalis)		
Rooted Cuttings 1 yr.	4c	3c
6 to 8 Inch x Once Transplanted	6c	4½c
White Spruce (Picea canadensis)		
6 to 8 Inch o 3 yr.	4½c	3½c
8 to 10 Inch o 3 yr.	5½c	4½c
8 to 10 Inch x Once Transplanted	11c	10c
10 to 12 Inch xx Twice Transplanted	28c	
Black Hill Spruce (Picea canadensis albertiana)		
4 to 6 Inch o 2 yr.	4c	3c
Norway Spruce (Picea excelsa)		
4 to 6 Inch o 2 yr.	2½c	1½c
8 to 10 Inch x Once Transplanted	10c	9c
10 to 12 Inch xx Twice Transplanted	15c	14c
Picea excelsa nidiformis		
4 to 6 Inch xxx Three Times Transplanted	50c	

	Each 100	Each 1000
Picea excelsa pygmea		
4 to 6 Inch xxx Three Times Transplanted	35c	
Serbian Spruce (Picea omorica)		
4 to 6 Inch o 2 yr.	10c	9c
Tigertail Spruce (Picea polita)		
4 to 6 Inch o 2 yr.	12c	10c
Colorado Blue Spruce (Picea pungens)		
4 to 6 Inch o 3 yr.	4½c	3½c
6 to 8 Inch o 3 yr.	6c	5c
6 to 8 Inch x Once Transplanted	16c	15c
Jack Pine (Pinus banksiana)		
8 to 10 Inch o 2 yr.	3½c	2½c
Himalayan Pine (Pinus excelsa)		
4 to 6 Inch x Once Transplanted	15c	
Large Swiss Pine (Pinus montana uncinata)		
4 to 6 Inch o 2 yr.	3½c	2½c
Hill's Mugho Pine (Pinus mughus)		
4 to 6 Inch x Once Transplanted	12c	11c
6 to 8 Inch x Once Transplanted	15c	14c
Austrian Pine (Pinus nigra)		
4 to 6 Inch o 2 yr.	4c	3c
4 to 6 Inch x Once Transplanted	7c	6c
Ponderosa Pine (Pinus ponderosa scopulorum)		
4 to 6 Inch o 2 yr.	3c	2c
8 to 10 Inch xx Twice Transplanted	15c	
Red or Norway Pine (Pinus resinosa)		
4 to 6 Inch o 2 yr.	5c	4c
White Pine (Pinus strobus)		
4 to 6 Inch o 2 yr.	3c	2c
Scotch Pine (Pinus sylvestris)		
6 to 8 Inch o 2 yr.	2½c	1½c
4 to 6 Inch x Once Transplanted	7c	6c
Golden Larch (Pseudolarix kaempferi)		
4 to 6 Inch o 2 yr.	5c	4c
6 to 8 Inch o 2 yr.	7c	6c
American Yew (Taxus canadensis)		
6 to 8 Inch x Once Transplanted	11c	9c
8 to 10 Inch x Once Transplanted	15c	
10 to 12 Inch xx Twice Transplanted	20c	
Japanese Yew (Taxus cuspidata)		
3 to 4 Inch o 2 yr.	10c	9c
8 to 10 Inch xx Twice Transplanted	40c	
Dwarf Japanese Yew (Taxus cuspidata nana)		
4 to 6 Inch x Once Transplanted	25c	22c
Taxus cuspidata nana compacta		
4 to 6 Inch x Once Transplanted	20c	
American Arborvitae (Thuja occidentalis)		
6 to 8 Inch x Once Transplanted	6c	5c
8 to 10 Inch x Once Transplanted	9c	8c
10 to 12 Inch xx Twice Transplanted	15c	14c
12 to 15 Inch xx Twice Transplanted	20c	19c
Douglas Golden Arborvitae		
6 to 8 Inch x Once Transplanted	15c	14c
Douglas Pyramidal Arborvitae		
6 to 8 Inch x Once Transplanted	15c	14c
Globe Arborvitae (Thuja occidentalis globosa)		
2" Pots x Once Transplanted	12c	10c
6 Inch x Once Transplanted	15c	14c
Hovey Arborvitae (Thuja occidentalis hoveyi)		
2" Pots x Once Transplanted	12c	
6 to 8 Inch x Once Transplanted	15c	14c
10 to 12 Inch xx Twice Transplanted	20c	19c
Little Gem Arborvitae		
3 to 4 Inch x Once Transplanted	8c	7c
Peabody's Arborvitae (Thuja occidentalis lutea)		
2" Pots x Once Transplanted	15c	
2 Inch x Once Transplanted	20c	19c
Hill's Pyramidal Arborvitae		
2" Pots x Once Transplanted	12c	9c
6 to 8 Inch x Once Transplanted	15c	14c
Ware Arborvitae (Siberian)		
2" Pots x Once Transplanted	12c	14c
6 Inch x Once Transplanted	16c	14c
Woodward Arborvitae (Thuja occidentalis woodwardi)		
6 Inch x Once Transplanted	16c	14c
Canada Hemlock (Tsuga canadensis)		
4 to 6 Inch x Once Transplanted	13½c	12c
12 to 15 Inch xx Twice Transplanted	45c	

o indicates seedlings. x indicates one transplanting

Seedlings sold in multiples of 50, once transplanted sizes sold in bundles of 25.
50 of same variety and size at the 100 rate, 500 at the 1,000 rate.
1927 wholesale catalog sent on request to the trade.
Please use business stationery to avoid delay. Descriptive catalog containing 25 pictures in colors is now ready. Mailed free to the trade.

THE D. HILL NURSERY CO.

EVERGREEN SPECIALISTS · LARGEST GROWERS IN AMERICA

BOX 402 DUNDEE ILL.